The Journal

OF THE

AMERICAN ASSOCIATION OF NURSE ANESTHETISTS

AUGUST 1945

VOLUME XIII NUMBER THREE

Pure as Sunlight
on Snow Capped Peaks

Uniformity of Quality in "PURITAN MAID" Medical Gases is constantly maintained through laboratory control. Insist upon "PURITAN MAID".

NITROUS OXID ★ CYCLOPROPANE ★ ETHYLENE

OXYGEN ★ CARBON DIOXID ★ HELIUM

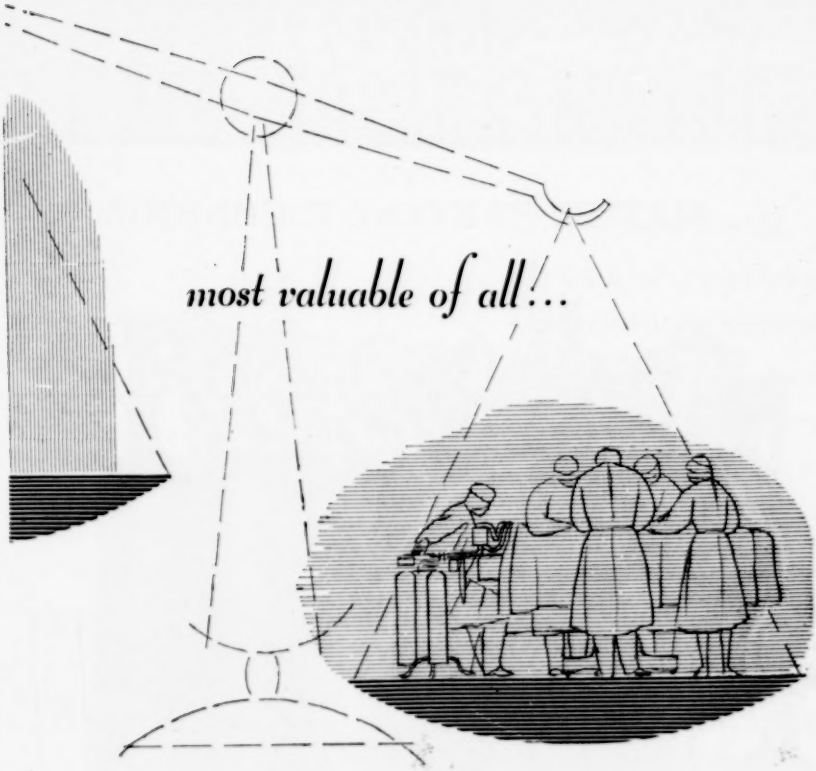
mixtures of

Helium ★ Oxygen & Carbon Dioxid ★ Oxygen

Buy with **CONFIDENCE**

PURITAN
COMPRESSED GAS CORPORATION
"Puritan Maid" Anesthetic, Resuscitating and Therapeutic Gases
BALTIMORE BOSTON CHICAGO ST. PAUL DETROIT
CINCINNATI KANSAS CITY ST LOUIS NEW YORK

Puritan dealers in principal cities



"... even recognizing other newer experimental anesthetics, we still might say that *ether is the most valuable of all* and that the discovery of its anesthetic effects was one of the most important milestones of medical progress."*

For over 87 years, Squibb has manufactured an ether renowned and accepted for its purity, uniformity and dependability.

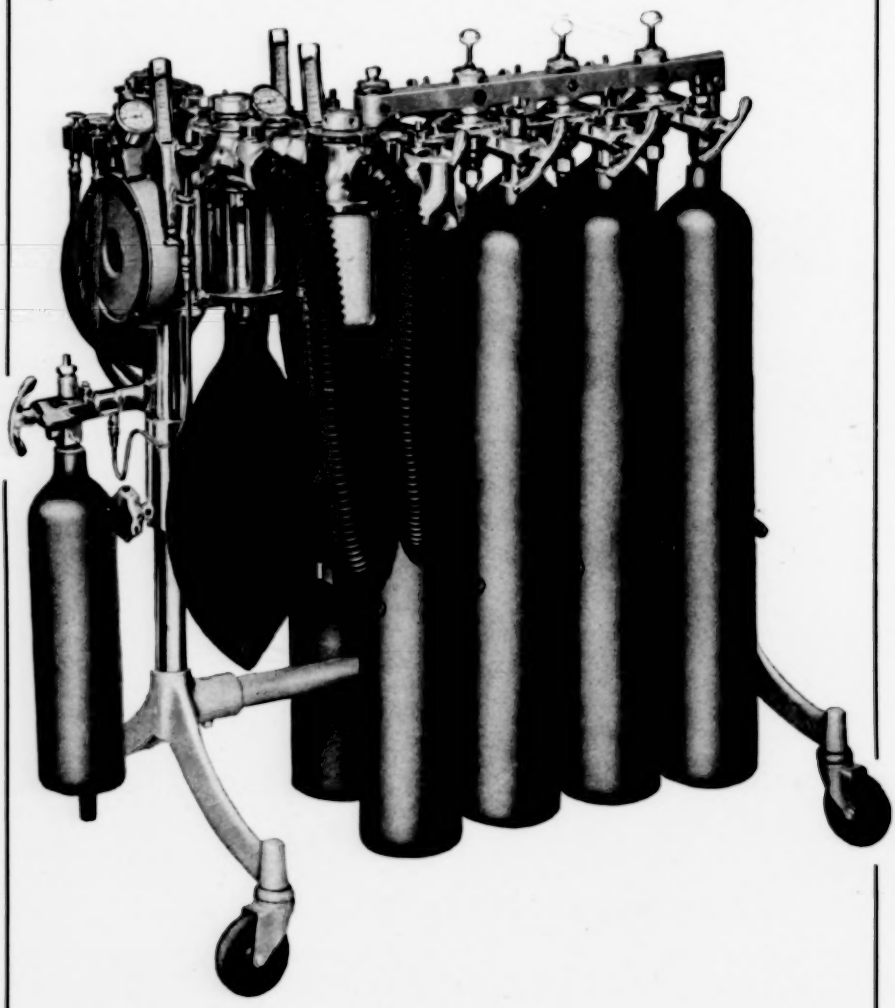
SQUIBB Ether

*Walton, R.P.: History of Anesthetic Drugs. J. South Carolina Med. Assoc. 40:60 (March) 1944.

MANUFACTURING CHEMISTS TO THE MEDICAL PROFESSION SINCE 1858

•THE McKESSON 920-L•

MASTER IN EVERY TECHNIQUE



The McKESSON APPLIANCE CO. Toledo 10, Ohio

VINETHENE *Anesthesia*

TRADE MARK—REG. U. S. PAT. OFF.

RAPID INDUCTION

PROMPT COMPLETE RECOVERY

INFREQUENT NAUSEA OR VOMITING

For anesthesia of short duration, Vinethene is accepted both by the Council on Pharmacy and Chemistry of the American Medical Association, and the Council on Dental Therapeutics of the American Dental Association.

Each Vinethene package is supplied complete with dropper-cap and folder describing technic of administration and precautions in use.

Vinyl Ether for Anesthesia Merck

VINETHENE

Reg U S Pat Off

An Inhalation Anesthetic for Short Operative Procedures

COUNCIL ACCEPTED

Literature on Request

MERCK & CO., Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

The Journal of the AMERICAN ASSOCIATION of NURSE ANESTHETISTS

August 1945 **Vol. 13—No. 3**

Published quarterly at 18 East Division Street, Chicago 10, Illinois, by the American Association of Nurse Anesthetists.

Subscription price to members, 50c per year; to non-members $1.00 per year; single copies, 50c.

Communications concerning manuscripts or advertising should be addressed to the Editor at 18 East Division Street, Chicago 10, Illinois; those regarding subscriptions or change of address should be directed to the Executive Secretary at the same address.

Entered as second class matter May, 14, 1945, at the post office at Chicago, Illinois, under the Act of March 3, 1879.

☆ ☆ ☆

MARTHA DUNLAP,
Editor and Advertising Director
5209 Kenwood Avenue Chicago 15, Illinois

American Association of Nurse Anesthetists, Executive Office, 18 East Division Street, Chicago 10, Illinois, Phone, Whitehall 4350.

☆ ☆ ☆

Officers, 1945

President,
Hazel Blanchard
Samaritan Hospital
Troy, New York.

First Vice President,
Margaret Sullivan,
Roosevelt Hospital,
New York, New York.

Second Vice President,
Edith-Helen Holmes,
Norwegian-American Hospital,
1044 N. Francisco Ave.,
Chicago 22, Illinois.

Treasurer,
Gertrude Fife
University Hospitals,
Cleveland 6, Ohio

☆ ☆ ☆

EXECUTIVE SECRETARY—
Anne M. Campbell,
18 E. Division Street,
Chicago 10, Illinois.

☆ ☆ ☆

PUBLISHING COMMITTEE—
Edith-Helen Holmes,
Chairman
Opal Schram
Berenice Elliott

AUGUST CONTENTS

Professional Articles:

The Cardiac Patient Under Anesthesia, *by E. Christine Costley, R.N.* 7
Curare in Anesthesia, *by Rita M. Walsh, R.N.* 23
Abstracts 28
Intravenous Use of Pentothal Sodium in Dental Surgery, *by Sister M. Mildred Sauer, O.S.F.* 33

News Items:

Groups Cancel Convention Plans 11
Change in Address Form 26
Letters From Members 27
Journal Deadline Dates 27
Second Examination Program Scheduled, *by Anne M. Campbell* . . 35
State Association News 39
Obituary 44
New Editor for Journal 45
Association Pins Available 47
Institute for Anesthetists 49

Membership Directory Section 53

Advertisers:

Dewey and Almy Chemical Company 46
Linde Air Products Company . . . . . Inside back cover
Mallinckrodt Chemical Works 48
Merck and Company 3
McKesson Appliance Company 2
Ohio Chemical and Mfg. Company . . . . . Back cover
Puritain Compressed Gas Corporation . . . . . Inside front cover
E. R. Squibb & Sons 1
Union Carbide and Carbon Corporation . . . . . Inside back cover

---

This scene suggests a form of vicarious vacation . . . for just gazing at the tranquility of such a scenic view will have to suffice for many nurse anesthetists during these busy days when travel accommodations are at a premium and time is more elusive than money.

Pentothal Sodium Gaining in Favor

—A report on 1,350 cases prepared by SISTER M. BONOSA, M.S.C., Sacred Heart Hospital, Allentown, Pa.

MY FIRST EXPERIENCE with Pentothal Sodium was at St. Mary's Hospital, Athens, Georgia. I became familiar with its use, and had occasion to administer 200 anesthesias with the drug. Returning home I spoke about the great advantages of this anesthetic to our staff surgeons who had not as yet used it. One, however, had had experience with evipan in a European clinic many years ago. He initiated the introduction of pentothal sodium into our operating room and asked to have it administered to his patients for operations provided there were no contra-indications to its use.

Slowly but surely, pentothal sodium became established in our operating room. At the present time almost all surgical procedures are performed under this anesthetic, with exception of nose and throat work and operations upon smaller children. Since its introduction into our operating room, August 1943, we have 1,350 pentothal sodium anesthesias on record.

Type of Operation:	No. of Cases:
Upper abdominal	68
Lower abdominal, including 55 hysterectomies	156
Cesarian sections	14
Resection of stomach or intestines	9
Appendectomies	335
Herniorrhaphies	137
Laporatomies, exploratory, etc.	48
Thyroidectomies	13
Genito-urinary	60
Gynecological	148
Rectal surgery	60
Operations upon the kidney	18
Eye Operations	18
Orthopedic surgery	73
Dental Surgery	53
Other types of operations	140

From this outline it may be seen that we use pentothal sodium for almost all types of operations. Our equipment consists of an Adam's armboard, Rudder syringe holder, 50 cc. syringe, two-way stopcock, small piece of rubber tubing, glass needle adaptor, 20 gauge needle. Oxygen is used with pentothal sodium, either by nasal catheter or face mask, in all cases except the short ones lasting only a few minutes.

As premedication we use morphine and atropine and find that this combines well with the anesthetic. We avoid the use of scopolamine which depresses the respirations, and causes duskiness in color, and appears to be a predisposing cause of hiccoughs in combination with pentothal sodium anesthesia.

With pentothal sodium the first and second stages of anesthesia are not apparent. The third stage first plane may be reached within one minute. Nevertheless, the anesthesist who has had some experience with this drug will realize that adherence to detail is most essential during its administration. The patient is not conscious of a smothering sensation, as is often experienced with inhalation anesthesia, but dozes off as in a natural sleep.

Pentothal sodium should be administered slowly at all times. An airway is inserted as soon as the patient tolerates it and left in place until the patient reacts. This should be done cautiously to avoid stimulation of the cough reflexes. Hasty insertion of an airway might precipitate a laryngeal spasm which is more apt to occur with pentothal sodium than with ether because of the more complete muscular relaxation.

Another annoying and dangerous complication is vomiting. Care should be taken in questioning emergency and accident cases as to the time and consistency of their last meal. If there is food in the stomach the patient will vomit soon after the initial dose has been injected, and with the muscles of the throat already relaxed, foreign material will enter the trachea causing serious complications. Even with the most careful preparation a patient may vomit due to long retention of food in the stomach. At the first sign we immediately lower the head of the table and start the suction. A nasal catheter may be inserted and connected to the suction tube to remove all fluid from the naso-pharynx.

A minor complication is a slight cyanosis which develops soon after the initial dose is injected. This is immediately remedied by the administration of oxygen, which brings about good regular respirations and a normal color.

The third stage and the different planes of pentothal sodium are easy to control, as after relaxation is once obtained very little of the solution is necessary to keep the patient well relaxed. In abdominal sections it will be noticed with 2 or 3 cc. additional solution injected, the intestines retract in many cases almost equal to that of spinal anesthesia. Overdosage is prevented by watching the respirations, and signs are more correctly interpreted if gases are administered without manual pressure on the breathing bag. The pulse as well as the blood pressure remain normal unless influenced by the surgical procedure.

Occasionally a patient develops hiccough. This occurs more often in nervous individuals, and emergency cases where the premeditation has not had time to take effect. Hiccoughs are controlled by giving the patient carbon dioxide mixtures instead of plain oxygen. They are signs of light anesthesia, but if there is sufficient relaxation for the operation, the anesthesia should not be deepened.

Patients who have taken large doses of pentothal sodium are given 2 to 3 cc. of picrotoxin or metrazol intravenously before removing the needle from the vein.

Recovery from this anesthetic is usually without nausea and vomiting, a quiet awakening as from a natural sleep. A few patients may be restless and noisy, but only for a short while after which they will doze off again. If the respirations are too shallow or reaction delayed, the nurse on the floor makes use of the p.r.n. order for metrazol, which is given for all patients following pentothal anesthesia.

Pentothal sodium may be given to the

poor risk and mild cardiac patient. These especially are benefited by its use since they take so little of the drug that they are awake when taken back to the room. Postoperative nausea and vomiting, which cause dehydration and loss of strength and resistance, are absent. During the operation whole blood, plasma, or glucose in saline are easily administered through the same needle by adjusting the two-way stopcock. It is only with the robust and vigorous subjects that the above mentioned complications might arise with the administration of pentothal sodium. The weaker the patient is physically the more beneficial is its use as the anesthetic agent.

Considering age limitation we do not use it for children routinely. Operations on children are usually of short duration, and since children tolerate ether very well we consider it the safest anesthetic for them provided there is no contraindication to its use. In the latter I would not hesitate to use pentothal sodium for a two year old child.

Following are cases of interest performed under pentothal sodium anesthesia:

Case 1: A white female, 51 years of age, was operated for carcinoma of the stomach. A one-third resection of the stomach was done followed by a posterior gastro-jejunostomy. The operation lasted 1 hour and 27 minutes and a total of 75 cc. of 2½ per cent sodium pentothal solution was used. Nitrous oxide 75 per cent with oxygen 25 per cent was started after the induction and continued thruout the operation. Glucose in saline was given during the operation. The pulse remained between 96 and 108, color and respirations were normal. The patient was returned to bed in good condition and made a splendid recovery, leaving the hospital on the 16th day following the operation.

Case 2: A man, 62 years of age, on whom a palliative gastro-jejunostomy for inoperable carcinoma of the stomach was done, appeared to be in a comatose state, temperature 104 F. and the nurses became quite alarmed about his condition. However, the temperature dropped slowly on the second day, and he made an uneventful recovery.

Case 3: Though we have used pentothal sodium rather hesitatingly in cesarian section cases, we now find that it is perfectly safe to mother and baby to induce anesthesia with this drug. We do not use premedication for these patients and keep them as light as possible until the cord is clamped. We also have the suction ready for these operations in case of possible vomiting as retention of food in the stomach often occurs. Dilatation of the stomach should be a less frequent complication in these sections since there is no nausea and vomiting postoperatively.

Case 4: A white male, age 59 years, was operated for carcinoma of the descending colon. A two-stage Rankin operation was performed. Colostomy was done under pentothal sodium anesthesia, lasting 15 minutes, with 40 cc. of the drug being used. Two weeks later the patient returned to the operating room for the resection. He was placed in the face-down position for the dissecting of the rectum, then turned for the abdominal part of the operation, and at the end again placed in the face-down position for closure of the anal space. The operation lasted 1 hour and 15 minutes; 55 cc. of pentothal sodium solution was used together with inhalation of 50 per cent nitrous oxide oxygen mixture. The pulse remained between 94 and 110; glucose in saline was given

along with the anesthetic. The patient was returned to bed in good condition. The temperature stayed between 101 F. and 102 F. during the first week following the operation. Then gradually returned to normal. The patient left the hospital walking on the 14th day after the second operation.

Case 5: A white male, 53 years of age, with an enormous, irreductible inguinal hernia was operated under pentothal sodium anesthesia. Physical examination revealed the following: Respirations — dyspneic, shallow and moist. Lungs — scattered moist rales. Heart — enlarged 3 to 4 cm. outside midsternal line; sounds regular; blood pressure 150/125. Extremities — severe pitting edema of both legs and ankles.

The patient was of a very uncooperative type and the hernia too large to attempt the operation under local anesthesia. Sodium pentothal anesthesia was started very carefully. The color remained the same as before the operation — bluish lips and dusky skin, despite the use of pure oxygen. The pulse was satisfactory in volume, rate between 110 and 116. The operation lasted 55 minutes and 50 cc. of the anesthetic solution was used. The patient returned to bed talking and happy. The bed was adjusted to Fowler's position since the patient was used to sleeping in a chair. The patient had a moderate rise in temperature throughout his stay in the hospital but otherwise his recovery was uneventful. He left the hospital, walking, on the 32nd day after the operation.

We find pentothal sodium anesthesia most satisfactory for thyroidectomies, especially for the toxic patient. If the patient is not to know the day of the operation the anesthesia is started in the room, the patient is led to believe that she is getting glucose. Toxic goitre cases do well with small amounts of pentothal and the results are remarkably satisfactory.

Case 6: A man, 45 years of age, underwent an enucleation of the eye under pentothal anesthesia. To check bleeding the surgeon used small pieces of gauze dipped in adrenalin. Carefully watching the patient for any reaction it was noted that a few minutes later the pulse went up from 84 to 116, with no other reason for this than the application of the adrenalin. The blood pressure rose 30 mm. Hg. with pulse bounding returning to normal after some time.

Most eye operations are performed under local anesthesia; but for some, especially for enucleations, we use pentothal sodium. This drug, however, causes capillary oozing which is annoying to the surgeon during the operation, particularly in delicate work such as eye. The surgery eye specialist adds adrenalin to his local anesthetic solution to check bleeding. How far adrenalin affects the heart in pentothal anesthesia I do not know. From reports on fatal accidents with its use in combination with general inhalation anesthesia, in an attempt to check bleeding, we should use caution.

Case 7: A man, 24 years of age, with compound, multiple fractures of mandible and maxilla, was brought to the operating room for wiring of the jaws. Pentothal sodium was used as the anesthetic, oxygen fed by nasal catheter and suction used for removal of blood and foreign material with the pharynx well packed off with gauze. The operation lasted 2 hours and 15 minutes and 100 cc. of pentothal solution was required to keep the patient anesthetized. Pulse and color remained normal and the patient reacted one half hour after the completion of the operation. The patient

stayed at the hospital for several weeks, smaller adjustments had to be made several times, but finally left with an almost perfect jaw.

Conclusion: Pentothal sodium as an anesthetic is highly praised by patients and surgeons. However, there is no anesthetic which is one hundred per cent safe. When a new anesthetic is being used, it is watched for its effects during and after the operation, with a critical eye, and justly so, we must not attribute all undesirable things following the operation to the anesthetic alone. Ether has stood its test; we know complications follow its use; and try to remedy them. A patient who has had a spinal anesthetic introduced with perfect technique and success may complain of backache following the operation, but the cause of this trouble may also be found in the complete muscular relaxation which is brought about by the spinal anesthetics. The same trouble may follow operations with other anesthetics which also cause complete muscular relaxation.

If we try to put signs and symptoms into their proper places we will find in pentothal sodium an anesthetic which is less harmful to the human body than many inhalation anesthetics. Although not all patients recover from an operation, yet many patients have a better chance with the use of pentothal sodium as the anesthetic; many patients recover sooner, and should they have to return to the hospital for another operation, they do so with less dread and fear.

Groups Forced to Change Convention Plans

Because of even graver transportation difficulties anticipated during the next several months, The American Hospital Association has cancelled its plans to hold a convention in Philadelphia between the dates of October 1 and October 5.

However, in order to properly carry on the essential business of the Association, it has been decided to tentatively plan on holding a meeting of the House of Delegates. This meeting is scheduled for November 5-6-7, Drake Hotel, Chicago. An announcement of the plans in the current journal of the American Hospital Association states: "This call for the House of Delegates is also a call for a general meeting of the Association and is as required in the By-Laws, but is issued subject to cancellation by the Office of Defense Transportation. Attendance may of necessity be limited or the meeting cancelled by restrictions in effect at that date as ordered by the Office of Defense Transportation of the Federal Government."

Likewise the Tri-State Hospital Assembly has been forced to cancel its 1945 convention plans which originally called for a meeting on July 18-19-20, 1945. The 1946 dates, however, have been announced. These are May 1-2-3, 1946 at the Palmer House, Chicago.

The New York Nurse Anesthetists, which originally planned to hold its annual meeting June 11-12, has postponed it until October 1-2, 1945, when it will be held at the Hotel Pennsylvania in New York City.

The Cardiac Patient Under Anesthesia

E. CHRISTINE COSTLEY, R.N.,
Mount Carmel Mercy Hospital,
Detroit, Michigan

OUR EQUIPMENT has been arranged, the case having been studied the previous night, and we sit down to begin the anesthetic on a patient with a cardiac condition. Fear may grip us and worries may fill our mind with what might follow the placing of the mask on the none-too-calm patient who has often heard the statement, "Cardiac patients always die on the operating table." The anesthetists have come to the realization that a decompensated heart is a very poor risk; whereas the compensated heart is a better risk depending upon the art and ability of the anesthetist and cooperation among the surgeon, internist, family physician, interne, anesthetist, and nurse.

Just as insurance companies accept heart cases only after increasing the premium, since patients usually succumb at a premature age, so does the surgeon feel that they constitute a real risk and the responsibility of anesthesia and surgery of these cases weigh heavily on his mind. It is of paramount importance in every case to determine whether surgical intervention is necessary or not. Surgery for hernias, appendicitis, cancer, diseases of the gall bladder, renal calculus, and ectopic pregnancies justify operations on cardiac patients. Patients with congestive heart failure should be operated upon only in dire emergencies; in which cases, local or intravenous anesthesia is preferred.[1]

The anesthetist's responsibility begins when the patient is scheduled for surgery. After careful preoperative care, including much rest, forced fluids if desired, and "building up" of the patient, he is brought to surgery.

After the anesthetist has studied the case thoroughly, one of the most important factors to be considered is the choice of anesthetic. The surgeon should be consulted as to the type preferred. Alertness is very important in giving anesthesia to cardiac patients. The anesthetist should be oblivious of all activity about her and devote every second of her time to the patient and to her procedure. She must have full control at all times of the depth of anesthesia and be prepared to meet any contingencies arising. She must recognize the symptoms of intolerance and changes in pulse (rate, volume, regularity, and force of beat), blood pressure, and in presence of heart disease, particularly, anoxemia must be avoided. The diseased heart has difficulty as it carries the needed oxygen to the tissues, and if anoxemia is marked or prolonged, it may result in acute heart failure and death.

Preparation for Surgery

Proper preparation is very essential except in real emergency cases such as

ruptured gall bladder, acute appendicitis, or an accident when bleeding must be controlled. Fatigue is a common complaint in both the healthy and unhealthy but plays a greater part in the case of a cardiac patient. Rest cannot be stressed too greatly, for the heart must not be overly taxed with duties of pumping the blood throughout the body when it must "stand up" under extensive surgical procedures.

Supportive measures must be used such as digitalis for digitalizing the heart. In some cases of heart disease it is necessary to restrict fluids. Vitamin B should be administered preoperatively in large quantities, for in the absence of this, one sees cardiac dilatation, tachycardia, and flattening of the T wave. Vitamin B_2 is essential in the diet for the necessary supply of vital respiratory carriers. This view of Vitamin B deficiency shows rather clearly that an adequate preoperative vitamin diet becomes of great importance to the anesthetist particularly where the cell respiratory mechanisms are already under strain or restricted from lesions in the heart or other parenchymatous organs.

Every operative case during menopause which shows any cardiac symptoms or signs, or electrocardiographic findings suggestive of cardiac lesions should have the benefit of an adequate course of estrin substitution therapy.

Tests for the determination of heart efficiency have been devised by a number of surgeons. All cases over forty years of age, with a chronic disease, should especially have the benefits of these tests. Factors to efficiency tests are as follows:

1. Blood pressure depends upon other factors than the heart itself.
2. Cardiac rate is increased often out of proportion to the pulse present.
3. Increased cardiac work does not necessarily imply increased systolic output or increased blood pressure.
4. The state of venous congestion in the splanchnic area may influence calculation.

The tests used may be any of the following:

1. Strange Breath Holding:
   Technique is to have the patient breathe quietly for a few minutes. Then take one-half of a complete inspiration and hold it as long as possible. A patient with a good cardiac efficiency can hold the breath for 25 to 50 seconds, while under 20 seconds is considered poor. The chief objective in this test is the possible psychic factor, especially in nervous patients, and if there is a relative acidosis it is without value.
2. Vital capacity is taken by an instrument known as the spirometer. The patient sits or lies quietly for a short period of time and then takes a deep breath and exhales all possible into the machine. The measurement is in liters. The normal reading is dependent on the sex, weight and height. The lung capacity serves as an index to cardiac efficiency. It is interesting to note that the vital capacity is definitely decreased in most cases where the patient changes from the sitting to the prone position and is still more decreased in Trendelenburg position. Patients with decompensation may be compelled to sit erect or sometimes recline in order to breathe.
3. The use of the electrocardiograph may be necessary to give an index to the efficiency of the heart muscle or the state of the coronary vessels.

4. An instrument known as the Cameron Heartometer, which determines the blood pressure by special neon and argon lights and also describes a graph of the brachial pulse, may add further valuable information.
5. A simple cardiac efficiency test may be to determine change in heart size. The stethescope is placed in the fourth interspace just outside the left sternal margin and a light percussion employed on the chest wall from the left toward the heart and from the right toward the heart. The sound comes forcibly into the ears when the border is reached. In this way the borders of the heart dullness and not the outline of the heart itself are determined as an index to the size of the heart. The patient's heart is examined in a prone position. Then the patient sits and lies down repeatedly for ten times. The heart then is re-examined. If any dilatation of the heart after this exercise is found, the heart will be leaning more toward the right side.

Effects on the Heart

A slow strong pulse indicates parasympathetic stimulation. A rapid strong pulse indicates sympathetic stimulation, which may be caused by hyperthyroidism or by operative stimulation without sufficient anesthesia of the sympathetic nerves. A rapid weak pulse indicates debility, anemia, hemorrhage or shock before operation, hemorrhage or shock during operation, or collapse of the vasomotor and cardiac centers due to overstimulation by operative manipulation under insufficient anesthesia, or due to too deep anesthesia, too little oxygen, or a continued great excess of carbon dioxide. A slow weak or irregular pulse may occur as the terminal stage of the fast weak pulse or may occur primarily following an overdose of chloroform. An irregular pulse with rise in rate may be caused by overdose of anesthesia or insufficient amount of oxygen in blood and heart muscle.

Increased blood pressure indicates sympathetic stimulation. This may be caused by hyperthyroidism, operative stimulation without sufficient anesthesia of the sympathetic nerves, stimulation of the vasomotor center by moderate excess of carbon dioxide.

To the anesthetist it is especially important to know the action of the various drugs on the heart. Anesthetic drugs may be divided into two classes: namely, local and general anesthetics.

Ether, for over fifty years the most commonly used anesthetic, is irritating to the upper respiratory tract with reflex stimulation of the accelerator center and vasoconstrictor center in the brain, resulting in a faster heart beat and increased blood pressure. As the anesthesia passes the stage of irritation, the pulse and blood pressure fall somewhat but are maintained at a level above normal. Adriani states that the heart rate is normal, the cardiac output is increased with no effect on the muscle. There is an occasional varied arrhythmia and the cardio-inhibitory center is depressed. The blood sugar is increased 100 to 200 percent with a maximum rise in fifteen minutes with slight progressive rise thereafter.

Chloroform, for years given by the country physician in deliveries as well as by leading surgeons for operations, has, at last, reached the stage of discontinuation. It is a "poison to the heart"; its effect is that of weakening the action resulting in fatty degenera-

tion of the heart and other organs. It may, by vagus stimulation, cause a marked slowing of the heart, or it may, in turn, result in various arrhythmias which may be detrimental. The injurious effects on cardiac activity, potentially present in vago-vagal reflexes, are preventable or at least minimized, by atropine therapy. Adriani says the rate is variable; velocity of peripheral circulation decreased; cardiac output decreased 30 percent; ventricular fibrillation is possible, at onset; irritability is increased, and the muscle is depressed directly. The blood pressure falls, due to vaso-dilatation and action on the heart. The administration of adrenalin while the patient is under the influence of chloroform anesthesia may lead to ventricular fibrillation, and death of the patient may result.

Divinyl Oxide (Vinethene), although a relatively new anesthetic drug, has been proved by experiment to have no effect on blood pressure unless too deep anesthesia is produced, also a slight increase or decrease in pulse rate may result. However, it is to be used for only short procedures.

Ethyl Chloride primarily decreases the heart rate and then increases it. The cardiac output is decreased fifteen percent. Depression of the myocardium results and ventricular fibrillation may occur early due to increased irritability. Arrhythmias are enhanced by epinephrine. The blood pressure is decreased due to peripheral dilatation from the depressed vasomotor center.

Barbiturates in anesthetic doses lower blood pressure and increase the pulse rate, which, with the depression of respiration, are deleterious to a diseased heart. Another disadvantage is that once the drugs are injected into the vein, they cannot be removed. The myocardium is directly depressed by large doses.

Nitrous Oxide and Ethylene, both non-irritating drugs, produce anesthesia rapidly and with a less prolonged anesthesia post-operatively. There is less nausea and vomiting. In abdominal surgery it frequently is difficult to obtain complete muscular relaxation without increasing the depth of anesthesia to the threshold of danger, so that the supplemental use of ether is necessary. The state of anoxemia and asphyxia is harmful to a damaged heart muscle, which requires all the oxygen it can get. As the tissues and respiratory center becomes anoxemic, the heart attempts to compensate by sending more blood through the body by acceleration. This constitutes overwork and may result in further cardiac damage.

Cyclopropane, a drug which has the advantage over other anesthetic agents in that high oxygen may be given, is one which requires an alert and competent anesthetist for its administration. Complete relaxation is produced without the addition of ether. Cardiac irregularities may appear with very high cyclopropane concentrations and they are of reflex origin. Morphine has little effect on cyclopropane arrhythmias, but atropine, a vagal paralysis drug, seems to aid in preventing fibrillation. The clinical protection afforded by intravenous barbiturates may possibly be explained by depression of the hypothalamus. It is also possible that the barbiturates decrease the output of epinephrine by the suprarenal glands. There is much experimental evidence pointing to epinephrine as an important factor in the production of arrhythmias and to a close relationship between the hypothalmus and output of epinephrine. Thienes, Greeley, and Guedel state that high concentrations of cyclopropane do

not seem to be toxic to the heart, since extreme concentrations failed to produce changes in cardiac activity which one can interpret as muscle depression, except in the presence of anoxemia. High concentrations of cyclopropane (50 to 75 percent in alveolar air) or large doses of atropine abolish or minimize these arrhythmias in a large proportion of subjects. Reed says that the vago-vagal reflex disturbs cardiac activity which was more pronounced during light anesthesia, particularly during the introduction of intratracheal tubes, or inflation of cuffs. The derangement to cardiac activity is more pronounced under cyclopropane, and the explanation of this appears to be a potentiation of vagal activity by this agent. They are undoubtedly more easily elicited following morphine, avertin, and digitalis as have been shown in the case of the carotid sinus reflex. It is important to realize that the heart under anesthesia is functionally deranged; that is, a normal heart under anesthesia is as vulnerable to derangement from vagal stimulation as an originally diseased heart would be without anesthesia. The cardiac rate is decreased, cardiac output increased, and arrhythmias are common. A displaced pacemaker, vagus escape, a-v block, or ventrical tachycardia may occur at any time but more often with deep anesthesia. Irritability of the automatic tissue is enhanced further by epinephrine, which may result in ventricular fibrillation.

Avertin, although only a basal anesthetic drug, has very little action on the heart. The rate is increased, rhythm slightly changed, and large doses slow the heart because of dilatation. The blood pressure falls 20 percent or more due to vasometor depression and peripheral vasometor dilatation.

Spinal anesthesia produces a lack of sensation and muscular power depending upon the size of dose administered. The vessel tonicity in the area anesthetized is lost; as the dose is increased the intercostal muscles, big factors in respiration, fail and finally, if the dose has been large, the diaphragm, the all-important muscle of respiration, is paralyzed and the patient is in a critical condition. Expansion of chest aids in returning the blood from the body to the heart. With an impairment in this action there is more stasis of blood in the vessels in the affected area, which has already become dilated and toneless. This results in two conditions; one is lowering of the blood pressure, and the other is a decrease in the output of blood from the heart per minute. If a patient has hypertension, reduction in this pressure by spinal anesthesia will result in defective circulation through certain parts of the body with tissue damage because of anoxemia. If the action of the intercostals and diaphragm is impaired and the heart is already diseased, there will be placed upon it a greater load than upon a normal heart, since the minute volume output of a diseased heart is less than a normal one.

As a brief summary of anesthetic drugs and their action on the heart, chloroform and cyclopropane either may cause arrhythmias or ventricular fibrillation; therefore, these two drugs are unsafe to administer in inexperienced hands. Ether is a stimulant to the heart and is found to be a safe and satisfactory agent if administered properly. Its disadvantages are that of a relatively long action, post-operative nausea, and vomiting, and the long post-operative sleep. In 10,000 cases of ether administration, not one single death resulted from heart failure. Spinal anesthesia should not be

used in cases of hypertension. If a patient has a diseased heart from another cause, spinal anesthetic drugs should be used only in selected cases, where the dose administered is small, so that there is no interference with the return flow of blood to the heart by paralysis of the muscles of respiration. Broadly speaking, local anesthesia is preferred in cardiac patients on whom surgery must be undertaken. The second choice is ether anesthesia. Lundy states that ether is the best protective agent to the heart of all general anesthetics.

Complications Affecting the Heart

The normal mammalian heart has the property of originating within itself, without the aid of an external stimulus, the impulse which initiates each heart beat; in other words, the mammalian heart has a certain rhythmicity. When the myocardial fibers of the atria, instead of contracting simultaneously, enter into contraction in a haphazard fashion, the condition known as atrial or auricular fibrillation results. When the same situation exists in the ventricles, we are dealing with ventricular fibrillation. In short, ventricular fibrillation may be defined as an anarchic, disorderly and useless contraction of the ventricular fibers. As a result, no blood is expelled into the aorta and the arterial blood pressure abruptly falls to zero. The different organs of the body do not receive any blood and die, sooner or later, according to their individual requirement of oxygen and other nutrient materials.

Causes of ventricular fibrillation may be induced by an adequate electrical stimulus directly applied to either right or left ventricle. By "adequate" is meant a condenser discharge, a direct or alternating current of sufficient duration and strength, which, if short, must be applied at the proper moment of the heart cycle. It is evident that if the stimulus is applied on the skin, as in case of electrocution, instead of directly on the heart, the electrical stimulus has to be stronger to overcome the resistance of skin and body tissues.

Chloroform and cyclopropane, as previously mentioned, may lead to ventricular fibrillation in hearts which were previously normal. The administration of adrenalin during either of these anesthetics or the inhalation of benzol may produce this abnormal ventricular factor. A combination of cyclopropane and adrenalin may produce ventricular extrasystole, ventricular tachycardia, or ventricular fibrillation. Cyclopropane alone may cause cardiac arrhythmias which may develop into ventricular fibrillation.

Several drugs, in therapeutic doses, protect the ventricles against fibrillation but induce it at toxic dosage. Digitalis, ouabain, potassium chloride, procaine hydrochloride, quinidine sulfate and papaverine hydrocholoride, the last three of which protect the heart against ventricular fibrillation, may induce fibrillation in toxic doses.

The ligation of a coronary artery, an experiment which is duplicated in clinical cases of coronary thrombosis and coronary embolism, eventually produces ventricular fibrillation.

In the evolution of ventricular fibrillation, namely, as soon as ventricular fibrillation starts, the arterial blood pressure falls to zero. Ventricular fibrillation begins with an initial stage, very short, during which a coordinated contraction wave spreads rapidly and repeatedly over the ventricles; afterwards a stage of incoordination sets in, characterized by electrocardiographic deflections irregular in form and voltage; finally, after a

variable time, a few minutes to sometimes half an hour, all activity ceases in the ventricles. During ventricular fibrillation, the auricular rhythm remains undisturbed.

In the human being, once fibrillation has started the heart never returns to normal rhythm. A few cases of recovery from ventricular fibrillation have been reported, but it seems that a normal heart never reverts to normal rhythm in cases of true fibrillation, i.e. fibrillation beyond the first stage.

In 1933, Hooker, Kouwenhoven and Langworthy revived the method of stopping ventricular fibrillation by short runs of alternating current. Wiggers and Wegria modified the method and applied it to the dog's heart. Sometimes one such application brings the heart out of fibrillation, sometimes two to ten applications are required. The sooner the reviving heart shock is applied, the better the chances of stopping fibrillation. At the present time, revival from ventricular fibrillation has little practical application and is reserved to rather unusual cases, such as cases of electrocution and patients whose heart fibrillates during cardiac surgery. Therefore it seems that efforts should be directed toward prevention of ventricular fibrillation rather than cure.

All anesthetic agents and most alkaloids inhibit the enzymes, dehydrogenasas, which form such an important link in the chain of events which gives rise to the production of energy by the cell. This accounts, in part at least, for the hyperglycemia during anesthesia as well as decreased carbon dioxide build-up and various degrees of failure of cellular function.

Anoxemia may develop during anesthesia, especially during nitrous oxide and ethylene anesthesia. Changes in blood pressure must be observed for anoxemia. Cyanosis must not be tolerated, for it damages the brain and perhaps the myocardium.

Bradycardia, trachycardia, or arrhythmias may develop from action of the anesthetic drug or the patient's condition. Any rapid, thready pulse is a danger signal and the cause must be decided. It may be from anoxemia, hemorrhage, circulatory depression, shock, or numerous other conditions.

Pulse pressure variations are essential to report during any anesthetic, especially in brain surgery when it signifies intracranial pressure.

It is a generally accepted fact that the state of surgical shock is not due to heart disease and it is known that it occurs in individuals with normal hearts as well as in those with damaged hearts.

Loss of quantities of blood during surgery is another important occurrence. Sprague contends that patients with normal hearts are more apt to die suddenly under anesthesia than those with diseased hearts. Butler and his coworkers in Boston are of the opinion that in most types of heart disease the risk is not appreciably greater than it is in the normal person. Sudden deaths may occur under anesthesia with conditions of coronary thrombosis, congestive heart failure, and luetic aortitis.

Restoration of the Heart Beat

When the pumping action of the heart ceases and the arterial pressure disappears, the ventricles either come to a complete standstill or go into incoordinated fibrillary twitchings for a while before every vestige of movement disappears. Each of these means death unless a coordinated contraction is restored to the heart. In the vast majority of cases attemps at restoration are futile. A

myocardium poisoned by bacterial toxins or weakened by chronic disease cannot be made to function; but a patient whose heart stops suddenly in the operating room as a result of anesthesia, hemorrhage, respiratory paralysis, status lymphaticus, electrocution from cautery, vagus inhibition, pneumothorax, asphyxia or cardia trauma, sometimes can be saved.

The first requirements in restoration of the heart beat is aeration of the lungs. Success is impossible if the myocardium is cyanotic. Also the brain cannot tolerate anoxemia. Aeration of the lungs is carried out either by forcing air and oxygen into an intratracheal tube or by mechanical compression of the chest. Intratracheal insufflation is more effective and should be used whenever possible.

As a treatment of ventricular standstill, one cubic centimeter of 1 to 1,000 solution of epinephrine diluted with a few cubic centimeters of saline solution is injected into the left ventricle or cardiac muscle through the chest wall, at the same time massage being given to the heart. If the heart does not begin to pulsate almost immediately, the chest is opened and the heart is directly massaged forty to fifty times per minute. Aeration through an intratracheal tube should also be given. If the heart does not begin to beat, a similar quantity of epinephrine will be dripped on the surface of the heart or injected into the right ventricular cavity and massage is continued. Too much epinephrine will throw the ventricles into fibrillation. Manual massage should be continued because it can keep all the tissues viable and the beat can be restored if the muscle has not been irreparably damaged.

If the ventricles fibrillate, restoration of the coordinated beat is impossible until the fibrillary movements disappear. This is accomplished by the use of procaine or metycaine on the heart. Two cubic centimeters of 5 percent solution of procaine or metycaine is dripped on the surface of the heart or injected into the right ventricular cavity. Massage is carried out continuously to maintain the circulation and to prevent dilatation of the heart. Success cannot be achieved if the heart is dilated. Two large electrodes are placed on the ventricles, and an alternating current of 1 to 1.5 amperes is sent through the heart for one-half to about two seconds. This sends all the fibers into contraction at the same time, and uniform relaxation follows. The heart is then at a standstill. Massage and epinephrine are used next. Too much epinphrine will send the ventricles into fibrillation, but it is difficult to cause fibrillation after procaine or metycaine has been used. It is needless to say that perfect aeration of the lungs is given throughout the entire procedure. The human heart was defibrillated for the first time on December 7, 1938.

The Anesthetic Risk

Surgeons undertake major operations upon cardiac patients with fear and trepidation. It is true that during such manipulations under anesthesia those various abnormalities in rhythm and rate of pulse may occur, but are largely those of transitory nature. When surgery is the only alternative after a complete diagnosis has been made, the cardiac patient is a good risk depending upon cooperation among surgeons, internist, and anesthetist.

Many factors determine the seriousness of heart disease, including the nature of the cardiac lesion, its extent, its tendency to progress, and the function of the heart. The age of the patient is

always of great importance, as the most serious forms of heart disease to be considered in anesthesia is that occurring in old age. Because of the hardening of the arteries the heart muscle is more susceptible to any lowering of the oxygen content of the blood and cyanosis in the old is therefore more dangerous than in the young. Senile patients do not tolerate a deep anesthetic.

Patients with marked diminished cardiac and pulmonary reserve are naturally bad risks. The length of time that the heart disease has existed is of paramount importance to the anesthetist.

The heart disease of children and young adults is chiefly rheumatic carditis and congenital heart disease. Either type may exist and not materially increase the risk of anesthesia or operation, yet either may have resulted in such extensive damage and impairment of function as virtually to prohibit these procedures. Beyond adolescence all forms of heart disease are encountered, but outstanding are coronary disease, hypertensive heart disease, and syphilitic cardiovascular disease. Here again the problems are the same. The patient, regardless of the type of lesion, presents an individual problem and the most careful study and the most serious judgment must be exercised.

Patients during the stage of congestive heart failure should not be operated upon unless a dire emergency arises and when the procedure can be limited to a palliative one performed under simple, infiltrative anesthesia. When an operation seems to be inescapable, the patient who has a congestive heart failure, should, whenever possible, receive treatment until his condition has been sufficiently improved, if this is possible, to permit surgery to be undertaken with reasonable safety.

Many patients with auricular fibrillation in whom the heart has not reverted to normal rhythm, have been operated upon without post-operative catastrophe. When fibrillation of moderate degree exists without dilatation to the right, the patient is considered a safe risk. The general behavior of the patient and whether or not the apex rate is rising too high just before the incision are other factors to be considered.

Toxic hyperthyroidism may have an effect on the heart. The anesthetic risk involved may be determined by testing the dilatation of the heart under nitrous oxide-oxygen only.

While the term acute cardiac dilatation as a fatal abnormality of the heart is generally accepted, many have questioned its occurrence. They cite the absence of necropsy proof; however, the post mortem might not have been done soon enough after death to determine its existence. In periods of apnea the heart may dilate to the right and blood pressure fall simultaneously. During hyperpnea, when there is relief from anoxemia of the apnea period, the heart returns to normal size and the blood pressure rises.

Hewlett states:

"Temporary moderate dilatation may aid muscular contraction but excessive dilatation lessens the contractile force of the muscle and changes that characterize acute cardiac dilatation supervene. The dilated ventricle fails to expel the blood coming to it. The venous pressure rises and this in turn tends to distend the ventricular cavity still further during diastole. If, however, demands are not reduced below the functional capacity of the weakened muscle the continuous collection of blood in the dilated ventricle leads

to cardiac death."

There must be constant observation of the pulse and prompt recognition of changes in the rate, volume, and regularity. Constant blood pressure readings must be recorded. In all events, in the presence of heart disease, anoxemia and anoxia must be avoided. Cyanosis is evidence of a marked anoxemia but it is important to recognize this condition prior to glaring manifestations. Anoxemia may be indicated by a rapid respiratory rate, rapid pulse rate with a diminished volume, and by marked irregularity or fall in blood pressure.

Just as the sugeon must work rapidly and not waste unnecessary seconds, it is just as essential that the anesthetist conserve time. Deep and prolonged anesthesia predispose to periods of anoxemia. Smoothness in giving an anesthetic is particularly important in heart disease. If a patient is forced to sleep, if the anesthetic is given too fast, a patient will struggle, vomit, and produce excessive bronchial secretions. These actions constitute a load upon the heart and with an existing state of poor compensation may be enough to produce a frank state of decompensation. The anesthetist should have a quick induction and smooth maintenance. If the condition of the anesthetized patient is changing from the preoperative condition to a state of degradation, it should be reported to the surgeon and he should be told to hasten his procedure. Again, if any unsatisfactory sign presents itself in a patient with a heart disease, it might behoove the anesthetist to remind the surgeon that the procedure must be terminated.

There is as much difference between a well administered anesthetic and a poorly administered anesthetic as there is in a night of restful sleep and one of restless sleep with nightmares and tossing about.

With the following available: an efficient surgeon; a good anesthetist who is alert and cognizant of the patient's condition; wise choice of anesthetic drugs; and only necessary surgery performed, the average patient with heart disease has a splendid chance of recovery.

Patients with heart disease are comparatively as good a risk as normal persons providing:

1. That the heart is in a state of good compensation and that there is adequate cardiac reserve.
2. That sufficient pre-operative treatment has been followed if necessary.
3. That the surgical procedure is not too long.
4. That the administration of the anesthetic is skillfully and adequately given, with as little distress to the patient as possible.

Dr. Oschner's words before the College of Physicians of Philadelphia in 1902 are:

"I think it would be unfortunate should surgeons receive the impression that patients suffering with heart disease are especially safe. I believe they are safe because they are considered unsafe."

It may justly be said that solving the problem of anesthesia in heart disease rests not so much in finding the ideal anesthetic but finding and developing the ideal anesthetist.

Summary

In the light of present medical knowledge, cardiac patients who must have surgery are not so frightening a risk as they were a number of years ago. With the development of local anesthesia, spinal anesthesia, intravenous anesthesia,

and cyclopropane anesthesia, cardiac patients have a much better chance of survival. With the improvement in medicine and surgery, anesthetic drugs, and methods of administering these drugs, we must also mention the importance of the nurse anesthetist who is well educated in giving any and all of these anesthetics.

Leading surgeons over all sections of the United States have time and again made the statement that they did not fear operating on patients who had cardiac disease with the following available: a good competent anesthetist, and a compensated heart.

Surgeons, family physicians, internists, internes, anesthetists, and nurses must be cooperative. Only with the complete harmony can the patient with a cardiac condition receive the best of medical care.

BIBLIOGRAPHY

1. Adriani, John: *"The Pharmacology of Anesthetic Drugs";* Charles C. Thomas, Publisher, 1942; pages 26 to 27.
2. Beck, Claude S.: "Surgery of the Heart;" *American Association of Nurse Anesthetist Bulletin,* Volume 10, 1942, pages 136 to 141.
3. Berger, Henry I.; *Diagnosis of Cardiovascular Disease;* Od Peacock Sultan Company; St. Louis, Missouri; 8th Edition; 1941, pages 1 to 124.
4. Best, C. N.; Taylor, N. B.: *The Human Body and its Function;* Henry Holt and Co.; Chapter 9; p. 59 to 64.
5. Boyer, Sam, Jr.: "The Heart and Anesthesia;" *The Bulletin of the American Association of Nurse Anesthetists;* Volume 4; Number 2; May 1936, pages 98 to 103.
6. Bramwell, C.; King, J. T.: *The Principles and Practices of Cardiology;* Oxford University Press, 1942, Chapter 12 to 22; pages 257 to 260, pages 456 to 466.
7. Christopher, Fredrick: *A Textbook of Surgery;* Chapter 22 and 39; pages 955 to 965, pages 1597 to 1616.
8. Greisheimer, Esther: *Physiology and Anatomy;* J. B. Lippincott Company; 1942; Chapter 11; pages 398 to 406.
9. Howell, William H.: *Textbook of Physiology;* W. B. Saunders Company; 1940; Chapter 24 to 33; pages 506 to 641.
10. Jung, Frederic T.; Benjamin, Anna R.; Earle, Elizabeth C.; *Anatomy and Physiology;* F. A. Davis Company, 1942, Chapter 25 to 26; pages 288 to 332.
11. Kimber, Diana Clifford; Gray, Carolyn E.; Stackpole, Caroline E.; *Textbook of Anatomy and Physiology;* The Macmillan Company, 1938; Chapter 11 to 14; pages 236 to 332.
12. Lundy, John S.: *Clinical Anesthesia;* W. B. Saunders Company; Philadelphia, 1942; pages 407 to 409.
13. Mason, Irene: "The Human Equation in Anesthesia;" *American Association of Nurse Anesthetists Bulletin;* Volume 5; Number 2; May 1937; Page 299.
14. McKesson, E. I.: "Some Effects of Operations upon the Circulation;" Reprint; pages 1 to 11.
15. Neukof and Hewlett; "The Heart;" *Pathological Physiology of Internal Diseases;* Blakiston's Sons and Company; 1924; pages 15 to 19.
16. Norris and Landis: *Diseases of the Chest and the Principles of Physical Diagnosis;* 6th Edition, W. B. Saunders Co.; Philadelphia, 1940; pages 272 to 318.
17. Ramsey, R. A.: "Some Impressions on Anesthesia from the Viewpoint of an Internist;" *American Association of Nurse Anesthetists Bulletin;* Volume 6; 1938; pages 130 to 134.
18. Rapoport, Boris: "Anesthesia for Major Abdominal Surgery;" *American Association of Nurse Anesthetists Bulletin;* May 1942; page 73.
19. Reed, L. Corsan: "Anesthesia in Relation to Cardiac Disease;" *Anesthesiology;* Volume 2; Number 3; March 1941; pages 161 to 169.
20. Rudder, Fred F.: "Pentothal Sodium Intravenous Anesthesia;" *Journal of International College of Surgeons;* January-February 1942; page 73.
21. Stutzman, W. J.; Allen, C. R.; Meek, W. J.: "Response of the Digitalized Heart to Cyclopropane and Epinephrine;" *Anesthesiology;* Volume 3; page 644 to 649.
22. Thienes, C. H.; Greeley, Paul O.; Guedel, A. E.: Cardiac Arrhythmias Under Cyclopropane Anesthesia;" *Anesthesiology;* Volume 2; Number 6; November 1941; pages 611 to 620.
23. Wegria, Rene: "Auricular Fibrillation;" *American Association of Nurse Anesthetists Bulletin;* May 1942; pages 14 to 20.
24. Wiggers, Carl J.: *Physiology in Health and Disease;* Lea and Febiger; Philadelphia, 1939; Chapter 29 to 44; pages 675 to 749.

RITA M. WALSH, R.N.,
Staff Anesthetist,
St. Mary's Hospital,
Detroit, Michigan

Curare in Anesthesia

TO MANY OF YOU: "The Flying Death" would sound like the title of a mystery story, but in reality it is Indian terminology for "Curare" which is now making a strong bid for recognition, especially in the field of anesthesiology.

Quickly scanning over the history of curare, we find that it is not a new discovery. For generations it was used by the Ecuadorian Indians as arrow poison. An infusion, concentrated to a thick syrup, was made of the bark and stems of plants. It meant almost instant death for its victims, the result of respiratory paralysis and asphyxia.

In 1938 Richard Gill returned to this country with a large amount of authentic curare. He spent many years among these natives learning the secret of its extraction. Botanical specimens of over forty plants were used in making various kinds of crude curare. In this country, the chemical and botanical development of curare was due largely to the efforts of the Squibb Laboratories and to Dr. McIntyre, Professor of Pharmacology at the University of Nebraska. Now that element of cardiac and respiratory depression has been removed and there remains only the pure curare effect, that is, the interruption of the nerve impulses at the neuro-muscular junction.

This purified drug has been commercially labled "Intocostrin" by Squibb and it was first used in connection with shock therapy to soften the shock and prevent traumatic effects, in the treatment of tetany and chorea, as well as for the control of muscle spasm in spastic disorders. It was in 1942 that Dr. Harrold Griffith of the Homopathic Hospital of Montreal, began to use it in surgery, and published the results of its successful administration in 25 cases.

Just how, you might ask, does this curare interest me as an anesthetist? Let us consider the two-fold interest we have when administering anesthetic agents. Primarily, regard for the patient; secondarily, regard for the surgeon. A patient submitting to an anesthetic literally places his life in our hands, and we thus assume a grave responsibility. We are concerned not only with the safety and welfare of the patient during narcosis, but also during convalescence, and with preventing, as far as is possible, undesirable sequelae. From the surgeon's standpoint, it is up to us to provide sufficient relaxation for him to work quickly and smoothly. With this in mind then, let us take a few of the anesthetic agents at hand and consider

---

Read at the meeting of Michigan State Association of Nurse Anesthetists, February 17, 1945, at St. Joseph's Mercy Hospital, Detroit.

their inadequacies in intra-abdominal surgery.

Ether, probably the most popular and essential of all agents used today, is capable of producing extreme muscular relaxation, but due to the increased diaphragmatic movements, the intestines will not contract. Prolonged ether anesthesia predisposes to a post-anesthetic recovery period of nausea, vomiting and sometimes abdominal distention. We know, too, that acidosis and the possibilities of respiratory complications increase the hazard of ether anesthesia. Relaxation in abdominal surgery cannot be obtained with nitrous oxide unless combined with ether. Ethylene and cyclopropane, both capable of producing a quiet abdomen, are not sufficient in themselves to produce optimal relaxation unless pushed to near lethal dosage or by apnea technique, which predisposes to trauma, even in the most experienced hands.

Frequently, under most favorable conditions, occasions do arise when it is impossible to get a patient sufficiently relaxed to satisfy the surgeon. This is where curare is of extreme interest and importance to us for it is able to produce that optimal state of relaxation quickly and harmlessly in combination with an agent. It is not an anesthetic in itself, but when it is combined with an agent, the amount of the anesthetic and the depth of narcosis is decreased, and postoperative complications which sometimes follows deep, prolonged anesthesia are avoided.

Dr. Griffith (1) in his preliminary report on the use of curare in general anesthesia, describes the following technique: Intocostrin is administered intravenously with a dosage of 10-20 mg. of the active curare per 20 lbs. of body weight, 1 c.c. of Intocostrin contains 20mg. of the active curare substance, so that the average dose for the adult patient is 4-5 c.c. He made the injection rather rapidly and reported no cases of thrombosis or other local reaction. His theory was that it should be used only to overcome some critical situation and subsequent muscular relaxation should be maintained by the use of the anesthetic agent itself.

Dr. Stuart C. Cullen, of the University of Iowa, has published reports on the use of curare in anesthesia (2) in 131 surgical cases in 1943. Of this number, four patients under ether anesthesia were given curare. Two of these suffered no significant respiratory depression from moderate amounts of the drug, but the other two suffered prolonged and pronounced respiratory depression. At first it was believed that curare was contra-indicated in ether anesthesia, but subsequent studies have revealed that it may be successfully used during ether anesthesia by reducing the dose to ⅓ of the amount ordinarily given during cyclopropane anesthesia. Cyclopropane has been the agent of choice most widely supplemented with curare for the hazard of cardiac complication is reduced because it is no longer necessary to use high concentrations to obtain the desired relaxation.

In September of 1944, we began using curare at St. Mary's Hospital. At first we employed it cautiously and, according to the suggestions of the aforementioned men, only upon selected cases in combination with cyclopropane. Our earliest cases were those for which profound relaxation was desired, such as, gastric resections, gallbladder operations and repair of ruptured ulcers. Finding it entirely satisfactory, we began using it for emergency operations upon patients whose general condition would permit only a minimal amount of

anesthetic agent. Close observation of these primary cases, led us to adopt the rather modified technique now followed in most of our intra-abdominal operations. The usual pre-operative medication of morphine and atropine or morphine and scopolamine is given. The patient is brought to the operating room and intravenous fluids of glucose in saline or glucose in distilled water is started.

The patient is then anesthetized in the usual manner to the first plane level of the third stage and maintained there, using cyclopropane or ethylene. 3 cc of curare are introduced intravenously just before the peritoneum is opened and with this the flow of the anesthetic agent is discontinued for a few moments until the degree of respiratory depression is determined. Usually, in 30-40 seconds the marked change in the respiratory rate is noted; respirations become quiet and shallow (if jerkiness occurs the oxygen is increased and a moderate pressure applied to the rebreathing bag will reestablish regularity in from 2-3 minutes). At this point the peak of curarization is reached, and the peritoneum opened reveals a flaccid, contracted intestine. This state can usually be maintained until closure of the abdomen with a minimum amount of the anesthetic agent. If the operation lasts longer than 45 minutes, it is sometimes necessary to give an additional 2 cc of intocostrin just before the peritoneum is closed.

With curare in abdominal surgery, we prefer to use cyclopropane and oxygen, and no ether is required; if ethylene is used, a very small amount of ether may be added, particularly if the patient is robust and the operation prolonged. In our series of cases, only one incident of marked respiratory depression has occured. This patient had been under nitrous-oxygen-ether anesthesia for removal of a gallbladder, when some difficulty in obtaining sufficient relaxation was encountered. 2 cc of intocostrin was given and voluntary respiration ceased. The lungs were inflated with oxygen and 1 cc of prostigmine was administered intramuscularly. The pulse remained good, the airway was patent and the respiration was maintained with artificial ventilation by manual compression of the re-breathing bag. In 5 minutes voluntary respirations were resumed and for the remaining 25 minutes of surgery the patient was carried on nitrous oxide and oxygen. Closure was accomplished with ease and the patient left the operating room in good condition. Convalescence was uneventful.

We have also found curare invaluable in simpler cases where ether is contraindicated, and its use with intravenous anesthesia has recently been adopted. The combination of curare with pentothal sodium is considered by some authorities as unnecessary because of the excellent relaxation provided by the pentothal itself, although others are using it in various types of cases. At present, we are using it for rectal work. One of our proctologists for many years has done most of his work under 50mg. of spinal with excellent results, but the occasional patient presenting a problem by objection to being awake during the operation or fear of the spinal puncture, led us to use pentothal sodium. The profound relaxation to which he was accustomed, could not be obtained unless rather large doses of the barbiturate were given, so curare was used to supplement the barbiturate.

The average patient is pre-medicated with morphine 1/6 and atropine 1/150

one hour before surgery. After the patient is placed in the lithotomy position, the intravenous anesthetic is administered in the usual manner; upon loss of consciousness, the patient is surgically prepared and just before the surgeon is ready to begin his work, 2 cc of curare are injected intravenously. A marked relaxation of the rectus muscle is noted within 30-40 seconds and he finds it comparable to that of spinal anesthesia. Continuous nasal oxygen is given throughout the operation and no instances of respiratory depression or other untoward effects have been noted. Patients are given ½ cc of pictrotoxin intravenously before they are taken from the operating room and are usually awake or reacting upon return to their room. The amount of pentothal used has varied from 20 to 35 cc, of a 2½ per cent solution.

Since surgeons are becoming more and more aware of the benefits derived from the use of curare to induce muscular relaxation during intra-abdominal surgery, many of you may be called upon, in the not-too-distant future, to use it. You are reminded to proceed cautiously with the drug and familiarize yourself completely with it before attempting its use. Success with curare so far has assured it a place in anesthesia in surgery, but further studies are in progress and what new possibilities of the drug they will uncover, remains to be learned.

BIBLIOGRAPHY

1. Dr. Harrold Griffith: "The Use of Curare in General Anesthesia," *Anesthesiology*, 3:418, July, 1942.
2. Dr. Stuart C. Cullen: *Anesthesiology*, Vol. 5, No. 2, pp. 166-173, March, 1944.

Members, please note!

In returning statements of dues individual members are responsible for indicating correct address. It is suggested that the name be *printed* in one place, for legibility, address should also be *printed*. It is helpful if abbreviations are not used. Street, Avenue, etcetera should be indicated and, if your city is zoned, the zone number included in your address.

In sending changes of address we suggest you use the following form.

Date_____

Former address

Name _____

Street _____

City_____ **Zone**_____ **State**_____

New address

Name _____

Street _____

City_____ **Zone**_____ **State**_____

Indicate by check mark if your membership is to be transferred_____ or, if address is temporary_____ for how long_____? Changes of address should be sent promptly to the Executive Secretary, 18 E. Division St., Chicago 10, Illinois.

LETTERS from Members

HILDA ELIASON writes from the Pacific Theatre, "We are 'swamped' with work besides fighting the old tropical sun by day and the hungry mosquitoes by night. Our anesthesia department carries a load four times too great for normal functioning, but some day it will all be over and we may return home and enjoy a rest."

GENE FINNEY writes from Mexico, where her husband is located in connection with a steel mill. She and her family are in a poor section of Mexico, where life in no way compares with life in the United States. She says:

"All milk must be boiled and drinking water transported from a neighboring town where there is a spring. There is no refrigeration so you can imagine the meat situation and, since we have been here, we have seen no sign of butter. Living costs are as much here, and for some things, more than in the states. Most of the natives are very poor but it is surprising how happy and pleasant they are. The large majority of them are quite friendly.

"During this adjustment period I have had no idle time. There is no American school so I have spent time with my oldest boy on his studies. In the Spanish schools there are no sanitary facilities (which sounds almost unbelievable) so I have not started him in school, for fear of illness . . .

"We are quite cut off from things down here. Our radio has 'salpingitis' and there are no radio tubes available. Some few people have radios, but due to the poor electric current, they are unable to get reception. Our newspapers arrive about two weeks late and mail is quite slow. Airmail saves little time. We have electric lights, which are comparable to candle light, from dark till eleven P.M. Blackouts are taken for granted, for the gasoline engines used to generate electricity frequently break down. Kerosene (petroleum, they call it) is used mainly for lights and cooking. It is quite interesting, or perhaps I am making an effort to think so. The romantic and beautiful Mexico we think of did not originate in Monclava."

Journal "Deadline" Dates

Material contributed for the November issue of THE JOURNAL of the American Association of Nurse Anesthetists should conform to the following schedule of due dates:

Professional articles: September 15.
News reports, association minutes, miscellaneous items: October 1.
Advertising copy and space instructions: October 1.

Because of production routines and other requirements these "deadline" dates must necessarily be strictly adhered to. Readers are urged to keep them in mind.

ABSTRACTS

It is the aim of this department to bring before readers recent publications which we believe are of practical value to the nurse anesthetist. We shall also call to your attention articles not so recently published that are of lasting interest. Some articles will be merely listed; others will be abstracted. Wherever practical abstracting will be done by the use of direct quotations. Contributions and suggestions will be most welcome.

AUTHOR: JOHN ADRIANI, M.D.
TITLE: The Effect of Varying the Moisture Content of Soda Lime upon the Efficiency of Carbon Dioxide Absorption
PUBLICATION: *Anesthesiology,* March 1945
Volume 6, Number 2

"In army installations certain drugs are 'standard' for inhalation anesthesia . . . The factors influencing the choice of nitrous oxide as the Army's only gaseous anesthetic are not known, but certain advantages of nitrous oxide are well established. . . . The safety of nitrous oxide for minor operations is well established by millions of administrations during the century that it has been in use. . . . Surely if nitrous oxide were as unsafe as its detractors would have us believe its use would have been abandoned years ago. . . .

"The principal disadvantage of nitrous oxide is its lack of potency. . . . In military surgery the great majority of patients are young robust males, in the pink of condition, usually addicted to tobacco, and often to alcohol. Such subjects are resistant to any anesthetic agent, particularly to nitrous oxide. On the other hand, ninety-four per cent of the operations at this installation are extra-abdominal, and less muscular relaxation is required. Such operations are well within the scope of nitrous oxide.

"Adequate premedication is an important part of the administration of nitrous oxide, for it is believed that the lowered metabolic activity induced by narcotic drugs will result in a lessened demand for oxygen, thus permitting an increase in the percentage of nitrous oxide in the mixture without reducing the oxygen to an hypoxic level. If it is decided to use nitrous oxide, pentobarbital (nembutal) gr. 1½ (97 mg.) is given at bedtime, and repeated at six in the morning. One hour before operation morphine gr. ¼ (16mg.) and scopolmaine gr. 1/150 (.4 mg.) is given hypodermically. Appropriate variations in these doses are made for persons with malnutrition, anemia, toxemia, or other abnormalities.

"If the patient, on arrival in the operating room shows evidence of poor narcotic effect, is unduly apprehensive, or is exceptionally robust, basal anesthesia is induced with sodium pentothal. . . . In most cases no additional pentothal is necessary; the basal dose is completely metabolized during the anesthetic period, and the recovery is comparable to that following nitrous oxide anesthesia. If the operation is prolonged, if more muscular relaxation is desired or if good anesthesia cannot be maintained without the development of symptoms of hypoxia, additional 2½ per cent pentothal solution is added during the anes-

thesia. . . .

"In certain situations where an arm board would inconvenience the surgeon, . . . the following technique is used: Two grams of 2½ per cent pentothal solution is prepared. Basal anesthesia is induced as has been described. This usually required less than 500 mg. The remaining pentothal solution is injected into a standard 1000 cc vacoliter bottle of physiological saline through the needle which acts as the air inlet. . . . A needle is introduced into an ankle vein, and this weak pentothal solution is allowed to flow continuously through the usual intravenous setup. A rate of one drop a second will give the patient about 500 cc (0.7 gm.) per hour, and in most cases this will be sufficient to maintain the original basal anesthesia. . . .

"The depth of anesthesia may be varied by adjustments in the concentration of either pentothal or nitrous oxide, or both. However, it seems preferable to maintain the pentothal at a minimum basal level and vary the nitrous oxide according to the patient's needs. . . . It is contrary to Army policy to use sodium pentothal as the principal agent in prolonged or major operations, in morphine overdosage, in shock, and in liver damage. It is considered especially dangerous in infections of the neck, as it is felt that inflammation in the region of the carotid bodies causes sensitization of reflexes arising there, and adds further respiratory inhibition to the depression of the respiratory center induced by pentothal. Unsupplemented pentothal is considered hazardous in the presence of obstructed respiration, in positions involving respiratory embarrassment, or in operations on the air passages. The use of pentothal is contraindicated in intracranial operations or in patients with severe burns."

AUTHOR: MAJOR KENNETH G. McCARTHY, Louisville, Ky.

TITLE: Nitrous Oxide in Army Hospitals

PUBLICATION: *Current Researches in Anesthesia and Analgesia* — March - April 1945

"For a number of years, two types of soda lime have been available for carbon dioxide absorption for clinical anesthesia, a 'high moisture' and a 'low moisture'. The high moisture usually contains approximately 15 per cent by weight added water, and the low moisture less than 2 per cent. Frequently, the question is asked as to which type is the more desirable for rebreathing appliances for anesthesia. . . . Since data regarding the efficiency of each type of absorbent, as far as anesthesia is concerned, are scant, it was decided to investigate this aspect of carbon dioxide absorption in more detail. . . .

"Soda lime for inhalation anesthesia is a mixture of sodium hydroxide, approximately 5 per cent, calcium hydroxide and water. The bulk of the mass is calcium hydroxide. The absorbent is prepared in the form of various sized granules. The optimum size for most of the currently employed rebreathing units appears to be 4-8 mesh. The end products of absorption are sodium carbonate, calcium carbonate and water. The most efficient absorption occurs when the tidal volume of the subject equals the combined intergranular and intragranular air space in the charged canister. A cylindrical canister 8 by 13 cm. usually contains 500 to 550 Gm. Such a charge will absorb effectively for a period of time under sustained use when it suddenly appears to become exhausted. The exhaustion, however, is

only apparent because if the charge is allowed to rest for several hours, a regeneration of activity occurs. That is, if one charge is used again, absorption proceeds almost as efficiently as before, but for a shorter interval. Ultimately, when the entire mass is converted to carbonates, absorption ceases and the charge must be rejected. The periods of absorption efficiency are of shorter duration and more frequent in the circle filter than in the to-and-fro when identical conditions exist. Absorption occurs on the surface of the granule. The conversion of hydroxides to carbonates occurs from the surface toward the heart of the granule.

"Specimens of 4-8 mesh soda lime containing 0.5, 9.6, 15.2 and 22 per cent by weight added moisture were specially prepared for this study. . . . Each particular phase of study was done in triplicate for each type of absorbent. . . .

"Specimens of soda lime containing 0.5 per cent, 9.6 per cent, 15.2 per cent and 22 per cent moisture were tested in the laboratory and clinically for their carbon dioxide absorption efficiency. The following results have been obtained: In the to-and-fro filter, all specimens were effective absorbents under conditions usually encountered clinically. The variations between the different specimens are slight and of no apparent clinical significance. In the circle filter, the absorption efficiency improved as the water content of the absorbent increased. The high moisture content absorbents are more effective in this type of unit. Specimens containing 22 per cent of water became wet as absorption proceeded and were not desirable. The optimum water content from the standpoint of efficient absorption and ease in handling of soda lime should be somewhere between 10 and 22 per cent."

AUTHOR: N. A. GILLESPIE, Madison, Wisconsin

TITLE: Death During Anesthesia.

PUBLICATION: *Current Researches in Anesthesia and Analgesia,* November - December 1944.

"The 'safety' of anesthesia is a recurrent and fertile subject of argument. Unfortunately any discussion of safety has usually turned on the anesthetic agent in use instead of on the skill and experience of the administrator of that agent, or on the condition of the patient. . . . The laudable habit of keeping records accurately in writing is still so new among anesthetists that to them 'mortality' usually means the number of patients who died on the operating table. . . . There will be no real advance until surgeon and anesthetist are sufficiently 'members one of another' that each feels deeply for the other's troubles. As the principal members of the team they must learn to act jointly, not severally. . . . The 'gross mortality' of surgical interventions is the number of patients who did not survive to be discharged from hospital or to be operated upon again. . . . By 'immediate mortality' the anesthetist should mean the number of patients who died before recovery of consciousness after anesthesia. It is obvious that the immediate mortality of operations depends mainly on the nature of the operation and the condition of the patient before it. . . . Specialized institutions will provide an unfair picture in one or other direction. . . .

"Immediate Mortality. — 'A death on the table' is the bugbear of the anesthetist. It need not necessarily be his fault. Many surgical causes may be responsible. Hemorrhage, or a decrease in

effective circulation resulting from trauma are the usual precipitating causes. If a sufficient number of operations are performed upon patients in poor condition, sooner or later one of the fatal accidents will occur during operation. . . . The serious accidents of anesthesia are usually sudden and often fatal. Our knowledge and mechanical aptitude have reached a point at which the function of respiration, vital as it is, is under the control of a skilled anesthetist. A few years ago cessation of voluntary respiration in an anesthetized patient was a sign of grave import. Nowadays, in certain circumstances, it is viewed with equanimity, and a skilled anesthetist often produces apnea deliberately for certain purposes. In the broadest sense the modern anesthetist has 'taken control of respiration.' The function of circulation, however, remains its own master. If the myocardium ceases to discharge its function or the peripheral vessels undergo an alteration in tonus we are as helpless as ever. . . . Of the causes of anoxia,, which is the ultimate cause of all death, we can control those which arise from the process of 'external' respiration. When 'internal' respiration or circulation fails, little can be done. At best we can only apply 'supportive measures' in good time.

"When we have the assistance of a chart which shows the variations in the patient's blood pressure and pulse rate we have no excuse for being taken unaware as to his condition. Should a sudden accident occur, we must be in a position to treat it effectively. As a rule this demands, not the cessation of the operation, but its completion in as short a time and with as little trauma as is consistent with mechanical efficiency.

"On innumerable occasions a moribund patient has been successfully operated upon. He has recovered from the anesthetic. In some rare cases he has even made a complete recovery. . . . The experience of many such cases has brought me to believe that no patient is 'too ill' either to be operated upon, or to be anesthetized for the purpose — provided the anesthetist is competent. It is, of course, true that a patient *in extremis* requires very little anesthetic; and if he is in coma no anesthesia is necessary as a rule. The ability to 'temper the wind to the shorn lamb' is an important attribute of the skilled anesthetist, for desperately ill patients cannot stand a relative overdose of an anesthetic agent. If a patient is so near death that he 'cannot' be anesthetized, then he is too ill to stand a surgical incision. We are concerned, then to ascertain how many patients may be expected to die during anesthesia. . . . This can only be determined by an examination of the records of large institutions. Records have been examined from five teaching hospitals in three different continents. Almost a quarter of a million cases are considered, and of these two hundred and eighty-three did not recover from the operation and anesthetic. . . . Two conclusions seem justifiable: (1) That if cases of all types in patients of all sorts and conditions are undertaken death before recovery is likely to befall about one patient in every thousand. (2) That the allocation of beginners to easy cases, the more experienced anesthetists being expected to deal with the graver cases and with the instruction of younger men, serves to reduce the incidence of fatalities.

Seven cases are reported of patients who did not survive operation. Only those two cases, in which the anesthetic was believed to be the cause of death,

are recounted here.

"Case 4. May, 1934. A child of five was to have an appendectomy. The appendix was perforated and general peritonitis had set in, but the child was not as yet desperately ill. I performed the induction with an open ethyl-chloride-ether sequence, this was uneventful. . . . Apparently the operation proceeded normally; the appendix was removed and the peritoneal cavity was drained. Anesthesia was by then fairly deep; probably of the third plane. A pharyngeal airway was in place, but no oxygen was being administered. The child's ears were slightly grey. Abruptly, as the surgeon picked up the peritoneum to sew it, respiration and circulation both ceased. The autopsy provided no explanation of the death.

Case 6. April, 1937. In this case death occurred before recovery from anesthesia, though not in the operating room. The patient was a very large, heavy man of twenty-four, on whose right ankle arthrodesis was to be performed. . . . Anesthesia was accomplished with open ether after an induction with ACE mixture. . . . The task of maintaining an unobstructed airway proved too much for the student. . . . The staff anesthetist therefore performed blind intubation. Maintenance of anesthesia was uneventful, though the anesthesia was deeper than the nature of the operation warranted. . . . Having returned to the ward, the patient developed periodic respiration of the 'Cheyne-Stokes' type. Whether this was due to pharyngeal obstruction or to some central cause is not clear. On two occasions apnea and cyanosis occurred but were successfully treated by the house and nursing staff. On the third occasion these methods failed, and when the anesthetist was able to leave the operating room, some forty minutes later, he found the patient dead. At autopsy an unsuspected pericardial adhesion was found. . . .

"In cases 4 and 6 the anesthesia and not the operation was the cause of death. As far as one can judge on the evidence of others, I believe the child died of a relative hypoxia. She was suffering from peritonitis, her temperature was 102° and she therefore needed a large amount of oxygen. Although there was no respiratory obstruction she was sufficiently deeply anesthetized to have a marked reduction of respiratory exchange, and no additional oxygen was being given. Had she been fully oxygenated she would probably have survived. . . .

It would be easier to speak dogmatically as to the cause of death in case 6 if one had seen the behavior of the patient on his return to the ward. Descriptions by the nursing staff leave room for doubt whether the 'periodic' respiration was due to recurrent respiratory obstruction or to incipient medullary failure. The anesthetist in charge was to blame for allowing a student to take too much responsibility for a patient who was known to be difficult to manage. In view of the difficulty in maintaining a free airway the endotracheal tube should probably have been left in place until consciousness had been recovered. Instead of starting the next case the anesthetist should have remained with the patient and should have satisfied himself that anesthesia was light and that the freedom of the patient's airway was properly safeguarded before he left the operating room. These factors were probably of greater moment than the pericardial adhesion found at autopsy.

"Could these deaths have been prevented? . . . lighter anesthesia and ade-

quate oxygenation in case 4; light anesthesia and more careful attention to the airway in case 6 might have saved these patients."

RECOMMENDED READING

Readers who are not familiar with the use of curare are advised to read "Clinical and Laboratory Observations on the Use of Curare During Inhalation Anesthesia" by Stuart C. Cullen, Anesthesiology, Volume 5, Number 2, March 1944.

Jackson, D. E., M. D.: "Experimental and Clinical Observations Regarding the Border Zone Between Life and Death," Current Researches in Anesthesia and Analgesia., Volume 24, No. 1, January-February, 1945.

Archer, W. Harry: "Historical Sketch of Anesthesia 1844-1944," Current Researches in Anesthesia and Analgesia, Volume 23, No. 6 November-December 1944 and "Historical Sketch of Anesthesia 1844-1944 (Concluded)". Volume 24, No. 1, January-February, 1945.

Keys, Major Thomas E.: "Selected References for the History of Surgical Anesthesia," Current Researches in Anesthesia and Analgesia, Volume 24, No. 2, March-April, 1945. This article consists of an extensive bibliography on the history of anesthesia and on anesthetic agents, with a foreword by Dr. Howard Dittrick. It should be particularly useful to instructors and students.

Procedure for Intravenous Use of Pentothal Sodium in Dental Surgery

—As followed at St. Elizabeth Hospital, Danville, Illinois, and reported by SISTER M. MILDRED SAUER O.S.F., Anesthetist.

PENTOTHAL SODIUM has been used for dental surgery at St. Elizabeth Hospital in Danville, Illinois during the past two years. The results have been good. To perfect the technique to an even higher level is our objective. The procedure we use was developed after an interview with Doctor P. E. Hepner, surgeon, head of the Anesthesia Department at the time, and Doctor J. Honey, who was interested in the subject of the preparation for the type of patient described in later paragraphs. At this interview we agreed on a definite pre-anesthetic preparation which is as follows:

The patient is admitted to the hospital the evening previous to the operation with a written report of the physical examination of heart, lungs, and blood pressure by the attending physician. On admittance one ampule of vitamin K is

given. This is repeated on the morning of the operation. One nembutal capsule, grains 1½ is given at bedtime for sleep. The coagulation, bleeding time, and a urinalysis is made routinely in the morning and breakfast is omitted. One-half hour before schedule time, morphine grain 1/6 and atropine grain 1/150 are given. (To robust patients nembuta grains 1½ is given one and one half hour before schedule time and morphine grain ¼ may be ordered instead of the smaller dosage.)

The patient is taken to the operating room and placed in position without a pillow but has a small sand bag under the neck to throw the head back. The patient is draped with a sterile sheet and towels by a surgical nurse who remains during the entire operation to assist the surgeon. A nurse stands at the head of the patient to hold the jaw and aid the anesthetist when required. The arm is placed on a padded arm board and the area for venipuncture is prepared with alcohol. A tourniquet is applied. Then a 2.5 per cent pentothal sodium solution is injected slowly by the anesthetist until the patient is asleep. Induction requires about 5-6 cc and more is given 1 cc at a time as needed for each patient.

A sterile intratracheal tube, which has been lubricated and attached to the tubing on oxygen, is then inserted through the nostril into the trachea, oxygen regulated at 3-5 liters. The dental surgeon inserts the throat pack and is ready for extraction. The suction machine is used to aspirate blood and the throat pack is changed as needed by the dentist. The intravenous is discontinued on request of the dental surgeon. He sprays the operative area with sulfathiazole powder as an antiseptic for the gums. The oxygen is discontinued and all bleeding is checked before the patient leaves the operating room. The syringe and needles are placed in a basin of distilled water after use until they are ready to be cleaned and resterilized on a special tray.

We like this method. We have had 189 patients treated in the past two years with excellent results.

This group were in attendance at the annual meeting of the Florida State Association of Nurse Anesthetists, about which further details appear in this issue under Association news.

Second Examination Program Scheduled for November; Membership Requirements Explained

By ANNE M. CAMPBELL,
Executive Secretary, A.A.N.A.

THE FIRST qualifying examination for membership in the American Association of Nurse Anesthetists was given on June 4, 1945. There were 92 candidates and 90 participated in 39 hospitals in 28 states and one in Hawaii.

The inauguration of this program indicated that there is a great deal of confusion in the minds of members, officers of state associations, directors of schools of anesthesiology, and the applicants themselves, as to the part the examination plays in an applicant becoming a member of the American Association of Nurse Anesthetists and the amount of time involved in the process.

This article is an endeavor to clarify the purposes and procedures of the examination program and to outline the entire process which takes place in applying for membership in the A.A.N.A.

The Board of Trustees has set May and November as the months in which examinations will be held. November 19, 1945, is the date of the next examination. Announcements will be made in the JOURNAL of the dates of the examinations in each year. The passing of the examination is an ELIGIBILITY REQUIREMENT for membership in our Association, and in no sense, nor in any way, is it a STATE BOARD examination. Further, applications must still go through the same routine of being passed upon by the state and national Committees on Credentials.

No application for membership is submitted to the national Committee on Credentials until a transcript of the applicant's school record is obtained from the school of anesthesiology from which she was graduated and unless the names of two active Members of the A.A.N.A. are given. From the transcript of her school record, the application itself and letters of reference, the Committee on Credentials decides whether the applicant has the necessary personal qualifications and if her courses in nursing and anesthesiology meet the Association's standards which entitle her to take the examination.

Many requests are received for permission to take the examination before the applicant has completed her course in anesthesiology. It is impossible to grant these requests. No application will be considered until the applicant has been graduated from her course in anesthesiology.

Applications are received in the Executive Office from the applicant herself

or from the secretary of a State Association. If the application is received directly from the applicant, a request is immediately sent to her school of anesthesiology for a transcript of her school record. At the same time, if she resides in an organized state, the application is sent to the secretary of the association in her state, for submission to that state's Committee on Credentials. When the transcript has been returned, completely filled out, it is held until the application has been passed upon by the State Committee, or vice versa, and the application and transcript forms are then forwarded to the National Committee on Credentials. An accurate record is kept of the dates on which the applications and transcript forms are sent out and when returned, so that it is known at all times where these forms are and where there is a delay. A followup is instituted if there is a delay in returning either transcript or application.

The state and national Committees on Credentials usually meet once a month. It takes from six to eight weeks from the time an application is first received to obtain all necessary information and send it to and receive it from the proper committees. It should be borne in mind that the Executive Office receives applications from the entire United States and its possessions and at times the volume of work is great both for the Executive Office and the national Committee on Credentials.

When applications are returned to the Executive Office by the national Committee on Credentials, applicants are immediately notified of the decision as to their eligibility. If they are found to be eligible for the examination, they are informed of the date of the next examination and are given thirty (30) days in which to send to the Executive Office their $15.00 examination fee and a signed photograph approximately 2½ x 3 inches in size. When the examination fee and photograph are received, an outline of subjects for study and sample examination questions are sent to the applicant. As soon as the Committee on Examinations has selected the places for the examinations and appointed proctors, the applicant is notified as to where and to whom to report for the examination. Rules of the examination and her identification number are also sent to her. The number is the only identification of the applicant on her examination papers. Applicants receive this information at least one month before the examination.

A deadline date must be set beyond which no further applications for a particular examination can be considered. This is necessary in order to give the Committee on Examinations and the Executive Office sufficient time to prepare the final examination papers and to make arrangements with hospitals for space and secure the services of a proctor for each examination. This date will usually be six weeks prior to the date of the examination. After this deadline date no examination fees will be accepted for that particular examination. Therefore, if an applicant wishes to take a specific examination—for instance, the next one on November 19, 1945—her application should be received by the Executive Office on or about September 1, 1945 at the very latest. This will normally allow time for receipt of the transcript from her school and for consideration of the application by the necessary committees and give the applicant time to prepare for the examination.

The Standing Rules of the Association state: "The Executive Secretary

shall notify the candidate of the results of the examinations usually in about 90 days after taking the examinations." When all grades have been recorded in the Executive Office on the applicants' examination cards, the applicant will be informed as to whether she has passed or failed in the examination. No grades will ever be divulged to the applicant, her school of anethesiology, or anyone else. Her examination papers and grades will be kept in a confidential file under lock and key in the Executive Office and will be known only to the Executive Secretary and the person who records the grades and files the examination papers.

State Secretaries will be advised of the applicants in their states who have passed or failed in the examination. The State Secretaries have the responsibility of sending successful applicants a statement of dues and a copy of the By-Laws of the Association. The Executive Office sends a statement of dues and a copy of the By-Laws to applicants residing in unorganized states. Dues of newly accepted members are payable within thirty (30) days of the date of notification of their acceptance. If such notices are dated prior to March 1st of any year, dues for the full year will be payable by the new member. If the notice is dated after March 1st, the dues for that year are prorated and the new member pays only $6.00 for the first year (1944 By-Laws, Article IX — Section 3).

From this explanation it will be understood that under the examination program it may take longer for an application for membership to be acted upon. It may be that in the future the process can be speeded up somewhat, but it should be kept in mind that the members of the Committees on Credentials and the Committee on Examinations do this work on a voluntary basis, in addition to their regular duties, which in these days are very heavy. If the work is to be done conscientiously and thoroughly — and this is absolutely essential — it must take time, and only in this way can the high standards of the Association be maintained and justice be assured to those who are applying for membership.

Notes From the Executive Office

The newest type of office equipment has recently been purchased for this office. This includes Chaindex files for the mailing list, Kardex for the financial cards and Variedex, which is an improved filing system. We hope that these time and labor saving devices may help us in giving the members the most efficient service possible.

Growth of Membership

Year	*Members*
1933	397
34	664
35	923
36	1065
37	1350
38	1632
39	1910
40	2151
41	2363
42	2565
43	2786
44	3094

RAGNA P. WIGEN of St. Luke's Hospital, Spokane, Washington, is the new president of the nurse anesthetists in her state.

IRENE BOYLES of Memorial Hospital, Charlotte, N. C., heads the nurse anesthetists in her state, as president of the state-wide group.

VERA COPELAND, St. Elizabeth's Hospital, Richmond, heads the Virginia State Association of Nurse Anesthetists as this year's president.

GERTRUDE MYERS, St. Mary's Hospital, Detroit, is the new president of the Michigan State Association of Nurse Anesthetists.

ASSOCIATION News
State and National

Washington . . .

The seventh annual meeting of the Washington State Nurse Anesthetist Association was held at the Davenport Hotel, Spokane, Washington, May 12, 1945, at two-thirty P.M.

Preceding the business meeting was a luncheon, at which the members were welcomed by Dr. Remington, President of the Spokane Medical Society. Dr. Joseph Lynch, who is Director of the School of Anesthesiology at Sacred Heart Hospital, Spokane, Washington, gave an interesting talk concerning the various anesthetic agents, their use and effects.

President Sylvia Chapman called the business meeting to order. Thirty-four members answered roll call. The minutes of the last two meetings and treasurers reports were read.

It was moved and seconded that the books be audited by a qualified accountant. At this point it was moved and seconded that Marcella Wilhelmy be paid for the auditing of the books for the previous year which she paid out of personal funds.

New business included the election of officers. Tellers were Rose O'Neill, Esther Rudkin, Marian Gage. The following were elected:

Ragna Wigen, president; Marguerite Layton, vice president; Alice Sellars Zelski, secretary; Netta Peel Hogue, treasurer. Board of Directors: Elizabeth Scully, Nora Dell.

There was a discussion concerning the payment of dues for members who are serving with military forces overseas. It was decided that Washington State Association will pay the dues of such members if the American does not do so, until such members return to the U.S.A.

Following a discussion relative to a state pin, the president appointed a committee to arrange for one.

It was regularly moved and seconded that Miss Alice Claude be accepted as an honorary member to the association with the State of Washington Association paying her dues.

Rose O'Neill was named chairman of the Advisory Board, she to appoint her own committee.

There was a discussion of revision of the by-laws but the final decision was negative.

A Hospitality Hour at the Davenport Hotel at 6:30 P.M. was followed by a banquet which was well attended and enjoyed by all.

Oregon . . .

The final meeting for the year of the Oregon Association of Nurse Anesthetists was held on May 21, at the Good Samaritan Hospital Graduate Home, Portland.

Dr. J. F. Paquet gave an informal lecture on "Drugs of Interest to the Anesthetist." The lecture was followed by a lively discussion.

President Ruth Schierman conducted the business meeting. The annual reports of the secretary and treasurer were read and approved.

Marie K. Fast, a member of the association who was with UNRRA in Egypt, has been reported missing, almost certainly lost at sea. As a memoriam to Miss Fast the members voted to send $25 to her sister, Agenehta Fast, to help her in her work as a missionary.

The association voted to forego the annual banquet and spend the money on an educational film for the new projector at the Dornbecker Childrens Hospital.

After the election of officers the meeting was adjourned and refreshments were served.

Officers elected were: Elizabeth Johnson, 2417 E. 12th St., Portland 14, president; Aimee Doerr, Vanport City Hospital, Portland 17, 1st vice president; Jeanne Fagan, 3018 N. E. 43rd St., Portland 13, 2nd vice president; Sr. Agnes de Boheme, St. Vincent's Hospital, Portland 10, historian; Mrs. Florence J. Shelton, trustee for three years.

The April meeting of the Oregon Association of Nurse Anesthetists was held on Tuesday evening, April 27, at St. Vincent's Hospital Nurses Home, Portland. Eleven members were present and attended a program presented by the Cadet Nurses of St. Vincent's Hospital.

At the business meeting it was decided to dispense with the annual banquet and use the funds for an entertainment at one of the children's hospitals in Porland.

Mrs. Loretta Case presented a paper on Demoral.

Alabama . . .

The annual meeting of the Alabama Association of Nurse Anesthetists was held on Thursday evening, May 10, in the Flamingo Room of the Tutwiler Hotel, Birmingham. President Edith B. Allen presided.

Following the dinner Dr. Hiram Elliott of the Tennessee Coal, Iron and Railroad Company Hospital spoke on "Anesthetic Agents, Indications, Contra-Indications and Premedication."

At the business meeting, which followed Dr. Elliott's talk, the minutes of the last meeting and the treasurer's report were read and approved. There was a discussion of the possibility of more frequent meetings, in order to keep the members better informed on new methods and the uses of various anesthetic agents. No decision was reached. The purchase of two $100 war bonds was approved.

Officers elected were: Thelma A. Nelson, 918 So. 30th St., Apt. 1A, Birmingham 5, president; Louise V. Cook, Jefferson Hospital, Birmingham 5, vice president; Alberta Boggan, 1014 Essex Rd., Birmingham, secretary; Ruby Walker, Jefferson Hospital, Birmingham, treasurer.

Illinois . . .

A meeting of the Illinois State Association of Nurse Anesthetists was held Tuesday afternoon, May 8, at Mercy Hospital, Chicago.

Dr. John L. Keely, staff member of Mercy Hospital, Chicago, spoke on "Shock."

The following officers were elected: Elizabeth D. Zech, Evanston Hospital, Evanston, 1st vice president; Burlie P. Eggleston, 40 E. Oak St., Chicago 11, secretary; Emelia J. Zender, historian; Opal Schram, trustee.

Massachusetts . . .

The annual meeting of the Massachusetts State Association of Nurse Anesthetists was held May 21, at the home of Shina Ritchie, 39 Moody Street, Chestnut Hill. Twelve members were present. The treasurer reported a balance on hand of $334.75.

Betty Lank, Chief Anesthetist of Children's Hospital, Boston, read an interesting and instructive paper on "Anesthesia for Infants." Refreshments were served by the hostess at the end of the meeting.

Officers elected were: Elizabeth MacRae, Peter Bent Brigham Hospital, Boston 1, president; Madeline Hunt, 14 Pierrepont Rd., Newton Lower Falls 62, 1st vice president; Ruth H. Armitage, 24 Damien Rd., Wellesley, 2nd vice pres-

ident; Mrs. Eva MacArthur, 80 Glen Rd., Brookline 46, secretary-treasurer. Trustees: Rose Sbarra, Velma Whitney.

Michigan . . .

Officers of the Michigan Association of Nurse Anesthetists elected, May 5, 1945, were: Mrs. Gertrude Myers, St. Mary's Hospital, Detroit 21, president; E. Louise Ilgenfritz, 1340 E. Grand Boulevard, Detroit 11, 1st vice president; Evelyn Y. Buferd, St. Mary's Hospital, Detroit 21, 2nd vice president; Mrs. Elizabeth Blanchard, 19229 Yacama Road, Detroit 3, secretary; Ione Wessinger, 2800 West Grand Boulevard, Detroit 2, treasurer. Later, Mrs. Blanchard resigned, and Miss Wessinger assumed the secretaryship in combination with her duties as treasurer for the time being.

Minnesota . . .

The annual meeting of the Minnesota Association of Nurse Anesthetists was held Friday, May 4, at the Nicollet Hotel, Minneapolis. There were 37 members and 20 visitors present.

New officers elected were: Ellen Lonergan, Ancker Hospital, St. Paul 5, vice president; June Winquist, Swedish Hospital, Minneapolis 4, secretary. Trustees: Hazel Peterson (1945-47), Ruth Kiely (1945-47), Mrs. Elizabeth Gaertner (1944-46), Mrs. Sophie Gano (1944-46).

Delegates to the National Convention, if held, are: Ruth Bergman, and Ruth Kiely. Alternates are Elizabeth Gaertner, Martha Lundgaard, and Florence A. McQuillan.

North Carolina . . .

Officers elected by the North Carolina Association of Nurse Anesthetists are: Irene Boyles, Memorial Hospital, Charlotte, president; Carrie E. Smith, Baker Sanitarium, Lumberton, vice president; Mary B. Campbell, Duke University Hospital, Durham, secretary-treasurer.

Nebraska . . .

The newly elected secretary-treasurer of the Nebraska Association of Nurse Anethetists is, Dolores V. Broughton, Immanuel Deaconess Hospital, Omaha.

New Jersey . . .

Due to the curtailment of traffic, controlled by the Office of Defense Transportation, there will be no general assembly of the New Jersey State Association of Nurse Anesthetists until further notice, Mrs. Dorothy N. Ball, secretary-treasurer, has announced in a formal notice to the membership.

Mrs. Ball has mailed to the membership a detailed report covering her work as secretary and treasurer. It follows:

REPORT OF THE SECRETARY

May 31, 1945.

Members in good standing May 1, 1944	74 members
Members in good standing May 1, 1945	73 members
Delinquent Members:	
May 1, 1944	0 members
May 1, 1945	3 members
Deaths	0 members
Resignations	1 member
Address unknown	0 members
Members transferred to New Jersey State Association	7 members
Members transferred from New Jersey State Association	15 members
New members	5 members
Members transferred from Active to Inactive membership	0 members
Applications accepted but dues not paid	0 members
Applications pending in New Jersey State Ass'n Membership Comm.	0 members
Applications pending in American Ass'n Membership Comm.	1 member
Applications deferred	1 member
Applications rejected	1 member
Total membership May 1, 1944	74 members
Total membership May 1, 1945	73 members
Correspondence sent out (letters, bills, notices and membership cards since June 1, 1944)	547 pieces
Correspondence received since June 1, 1945	168 pieces

REPORT OF TREASURER

Balance, May 1, 1944	$ 177.18
Receipts:	
Dues	$1042.00

Dues (Transfer to New Jersey State Association)	15.00	
Initiation fees	14.00	
Convention: Registration fees — Banquet fee	131.98	
Money received on Bond chances	284.65	
Money deposited (Taken from Treasury for convention trip and not needed)	41.78	
		$1529.91
		$1707.09

Disbursements:

Remittance of dues to American Ass'n of Nurse Anesthetists	$ 669.00	
Initiation fees to American Ass'n of Nurse Anesthetists	14.00	
New Jersey State Hospital affiliation dues	19.00	
Expense on Bond chances	56.96	
To New York State Association	6.88	
State and Americal Ass'n Convention expenses	196.64	
Refund of dues	.50	
Trust fund for 1933 and 1934	13.90	
Office expenses	104.64	
Bank service charges	9.86	
2 April 1944 cancelled checks	41.93	
		$1133.31
Balance, May 1, 1945		$ 573.78

Represented by:

Balance on deposit, The First National Bank of Highland Park, N. J.	$ 573.78

Disbursements:

Remittances to American Association of Nurse Anesthetists:		
Dues	$2,460.25	
Initiation Fees	50.00	
Convention Expenses	209.84	
Office Expense	91.01	
Donations American Red Cros	25.00	
Donations	15.00	
Board	10.00	
Refund to District Association, Dues	25.00	
Refund to District Association, Fees	2.00	
Penalty	3.00	
Trust Fund Payment	31.80	
Christmas Gifts	15.75	
Fidelity Bond, Secretary and Treasurer	5.00	
Overpaid Dues	6.00	
Membership Committee	5.00	
Central Penn. National Bank Charge	2.28	
Total Disbursements		2,956.93
Balance, March 31, 1945		$3,440.26

Represented By:

Balance on deposit — Central Penn National Bank		$1,544.88
The Philadelphia Saving Fund Society		1,081.38
$300. United States Government Defense Bond, Series "F" due 5/1/54 (cost)		222.00
$500. United States Government Defense Bond, Series "F" due 6/1/55 (cost)		370.00
$300. United States Government Defense Bond, Series "F", due 6/1/56 (cost)		222.00
		$3,440.26

Pennsylvania . . .

The annual report of the secretary of the Pennsylvania State Association of Nurse Anesthetists lists 337 members in good standing at the close of the fiscal year, April 1, 1945. Forty-five of the members of the Pennsylvania group are in the armed forces, Secretary Helen Young Walker reports.

A progressive step in good management has been taken by the Pennsylvania State Association of Nurse Anesthetists in connection with it's treasurer's report. This report, not only has been audited by Certified Public Accountants, but has been opened for general inspection in brochure form. It is reprinted in full:

APRIL 1, 1944 TO MARCH 31, 1945

PENNA. ASSOCIATION OF NURSE ANESTHETISTS
STATEMENT OF RECEIPTS AND DISBURSEMENTS
APRIL 1, 1944 TO MARCH 31, 1945

Balance, April 1, 1944		$2,367.21
Receipts:		
Dues	$3,898.00	
Initiation Fees	50.00	
Fines	3.00	
Dues Received from American Association for members transferred into state	31.00	
Dues Overpaid by members	6.00	
Interest Received, Philadelphia Saving Fund Society	41.98	
Total Receipts		4,029.98

Texas . . .

OPA travel regulations state that no convention of over 50 persons may be held. The Texas Hospital Association applied for special permission to hold their annual meeting, but the application was rejected. Therefore, it was necessary for the Texas Association of Nurse Anesthetists to cancel their annual meeting also.

The Board of Trustees of the Texas Association of Nurse Anesthetists has circulized each member on the activities of the American and Texas Associations for the past year, since it was not possible to hold the meeting.

The Board of Trustees, Texas Association of Nurse Anesthetists, met in Dallas, April 7th and 8th to transact the business of the state for the past year, and to get ready for the coming year. Members present were: Mrs. Gertrude E. Baker, president; Winnifred Hackworth, vice president; Mrs. Jack K. Childress, sec-treas.; Mrs. Jessie Compton, Dorothy Hoadley, Laura Hoffman, and Thelma Watkins, trustees.

Mrs. Gertrude Baker, president for the past two years, presented her resig-

nation, and Winnifred Hackworth became the new president.

Officers for 1945-46 are: WINNIFRED HACKWORTH, 1317 Pierce, Houston, president; MRS. JESSIE COMPTON, 702 Winston, Dallas, vice president; MRS. JACK CHILDRESS, 716 W. Ave. "G", Temple, secretary-treasurer; MINNIE V. HAAS, historian. Trustees: DOROTHY HOADLEY, LAURA HOFFMAN, MRS. THELMA WATKINS, MARTHA DELAY.

The Texas Association voted last year to pay the dues of the members from the state in the Service, Overseas. The following dues were paid by the State Association: Zelma Alvey, Helen Didner, Vanda Kibler, Evelyn K. King, Margaret C. Moore, Sarah Rausch, Grace Warren, Edythe McDonald.

Committee Chairmen include: Jean Vetsk Wright, membership; Annie Bohls, finance; Rosa Timmerman, legislative; Louise Houls, Revisions. Other chairmen for program, arrangements, and educational are yet to be appointed.

Following is a list of members that are in the Service in the States from this group: (If any have been omitted it is unintentional. Please write to Mrs. Jack K. Childress, 716 W. Ave. G, Temple, Texas, if the list is not complete.) Mamie L. Baker, Dorothy Jean Barber, Capt. Mildred I. Clark, Mrs. B. L. Cornell, Delphine E. Franson.

The Texas Association of Nurse Anesthetists is proud to be the owner of eight $100 War bonds.

Florida . . .

The Florida State Association of Nurse Anesthetists has contributed $10 to the Library Fund, $5 for 1944 and $5 for 1945.

The annual meeting of the Florida State Association of Nurse Anesthetists was held June 2-3, 1945 at the MacFadden Deauville Hotel, Miami Beach, Florida, opening with a dinner program the evening of the first day, Mrs. Mary C. Brown, presiding. The program included talks by Phelia Ponder, Thomas F. Smith, and Major Walter Freeman. Mrs. Fannie Smoyer and Mrs. Anna Dunham Thiel entertained with a musical program.

During the business sessions, President Alpha E. Schier called for the reports of officers and committee chairmen; a report of the annual meeting of the A.A.N.A. held in Cleveland was given by Mrs. Carol Elmore, who presented for discussion several important subjects. The group voted to endorse the Blue Cross Hospital Plan, discussed membership in the state-wide organizations of anesthetists; urged members to attend the Institute for Anesthesiologists, and formulated plans for group meetings in the state.

The social program included an early morning beach and pool party before breakfast Sunday.

The following papers on professional subjects were delivered during the course of the meeting:

"The Oral Surgeon's Appreciation of Nurse Anesthetists," by William G. Sanchez, D.D.S., Dental College, Emory University, Atlanta, Ga.

"Caudal Anesthesia," by George Williams, Jr., M.D., Harvard Medical School.

"Curare in Anesthesia," by Bessie Simpson French, M.D., anesthetist, University of Illinois, Urbana, Ill., and House Anesthetist and House Surgeon, Sheffield Royal Hospital, Sheffield, England.

"Welfare Work, Rehabilitation of Women," Col. Agnes McKernon, Salvation Army, New York City.

Tennessee . . .

The Tennessee Nurse Anesthetists Association will be served by the following officers during 1945:

MRS. ALBERTA SULLIVAN, president; NETTIE BRYANT, 1st vice president; MRS. JIMMY TERRY SHENEP, 2nd vice president; MRS. ELAINE HANNE, secretary;

Mrs. Waverly W. White, treasurer; Alice Sims, historian. Board of trustees: Mrs. Lucille Hill, one year; Willie Mae Mullin, two years; Mrs. Dorothy La Rue Daffin, three years; Mary Ellen McCue, four years.

The board of directors met February 26th, 1945, to fill vacancies on the Board left vacant by resignation of the secretary and members being transferred to other states.

At this February meeting the resignation of the Secretary-treasurer Theresa W. Trail was accepted. Since the Association has grown in the last couple years, the by-laws read that both a secretary and treasurer could be elected it was decided to appoint a secretary and a treasurer to lighten the work of the combined officer.

The secretary-treasurer's report included this data: As of January 1, 1945, Active members, 96; New members 1944, 8; Delinquent members, 1; Members dropped, 2; Members transferred to State, 9; Members transferred from State, 11; Applications pending, 8; Applications deferred, 1; Applications rejected, 3; Bank balance Jan. 1, 1945, $896.92.

Virginia . . .

New officers of the Virginia State Association of Nurse Anesthetists are: Vera Copeland, president, St. Elizabeth's Hospital, Richmond; Mrs. Gertrude Cassler Mann, vice president, Stuart Circle Hospital, Richmond; Beatrice H. Wilson, secretary-treasurer, McKim Hall, Charlottesville. Trustees: Mrs. Clara Hudgins, Mrs. Hazel Bagby Wells.

The tenth annual meeting of the Virginia State Association of Nurse Anesthetists was held in the Monroe Room of the John Marshall Hotel, Richmond, Va., May 26, 1945 with nineteen members and three visitors in attendance.

The business meeting was called to order by President Georgia Scott of Lewis Gale Hospital, Roanoke, Virginia. Reports were heard from the secretary, treasurer and committees. It was decided that the Association should buy $500 worth of War Bonds.

The Program Committee presented Major R. C. Siersema who spoke on, "Anesthetics used by 8th Evacuation Hospital in Italy"; and Mrs. Nancy Broughton who discussed, "Sodium Pentothal Anesthesia." A Round Table conducted by Miss Scott followed.

Tea was enjoyed by members and visitors following the meeting.

The report of the treasurer, Elsie W. Lawhorne follows:

Balance in bank May 1, 1944	$ 520.05
Receipts for dues received May 1, 1944-May 25, 1945	713.00
Total:	$1,233.05
Disbursements, May 1, 1944-May 25, 1945:	
Transferred to Amer. Assoc. of N. A.	$ 421.25
Paid to Trust Fund	4.90
Refund (2) dues ($3.00 each)	6.00
Stamps	18.00
Typing—Miss Scott	5.00
Stationery and printing ballots	6.35
Total:	$ 461.50
Balance in Bank *Total:*	$ 771.55

IN MEMORIAM

Marie K. Fast

Marie K. Fast lost her life May 1, 1945 when the ship on which she was travelling on a special war assignment was hit by a high explosive and sank

off the coast of Egypt.

Miss Fast was born near Mountain Lake, Minnesota and graduated from the Mennonite Hospital Training School in Beatrice, Nebraska. She completed her training in Anesthesia at Grace Hospital, Detroit, and was a member of the anesthesia staff at Good Samaritan Hospital, Portland, Oregon from 1941 until 1944. She volunteered to the Mennonite Central Committee for war relief work and was sent to Egypt by the U.N.R.R.A. When her ship sank she was accompanying Yugoslavia refugees back to their country from Egypt. The life boat to which she was assigned tipped and threw her into the water.

Second Lieutenant Florence Taylor Grewer was "killed in action" according to word received from the War Department recently, the Washington State Nurse Anesthetists Association, of which she was a member, advises. Mrs. Grewer was a graduate of Northwestern Hospital, Minneapolis, Minn. It is understood from unofficial sources that she was assigned to the U.S.S. Comfort which figured prominently in newspaper reports of ship sinkings during recent weeks.

New Editor for Journal of A. A. N. A.

Effective with this August 1945 issue of The Journal of the American Association of Nurse Anesthetists, Martha Dunlap has assumed the position of Editor and Advertising Director. She succeeds H. C. Combs who has resigned due to pressure of other interests.

Martha Dunlap, Editor

Miss Dunlap is a professionally trained journalist. She is a graduate of Montana State University holding the degree of B.A. in Journalism and has done post-graduate study at Northwestern University. Her experience includes a varied background in newspaper work, advertising, trade association, publicity and public relations. For the past ten years she has been editor and advertising manager of a nationally circulated monthly trade journal in the transportation industry. She is active in several professional groups including: The Women's Advertising Club of Chicago; Industrial Editors Association; Publicity Club; Trade Association Executive's Forum.

Edith-Helen Holmes, chairman of the publishing committee, in announcing Miss Dunlap's appointment again stresses to the membership the need for their collaboration in maintaining The Journal as an outstanding technical and news publication covering the highly specialized work of the nurse anesthetists. Miss Holmes points out that under the new editor there will be gradual and constant changes and improvements in the magazine's format and content. These will be accelerated by constructive comment which, it is hoped, readers will offer from time to time.

genuine
WILSON SODA LIME
meets rigid medical specifications

Freedom from heating, caking, dusting. Comfort for the patient.

Safe, economical, and easy to use. Conveniently packaged.

Constantly improved, uniformly dependable. U. S. P.

Available in two moisture grades, three mesh sizes, with indicator if desired. A product of Dewey and Almy Chemical Company.

Genuine

CARRIED IN STOCK BY YOUR HOSPITAL SUPPLY HOUSE

Wilson Soda Lime

Association Pins Available—*Legend of the Seal*

Our purpose as anesthetists, which we conceive to be "Watchful Care of the Sleeper Given by the Light of the Lamp of Learning," is symbolized in the seal and pin by character selected from Greek mythology. Those chosen are Hypnos, the God of Sleep, who was described as a half-grown boy. He daily retired to a ledge in the Cave of Night to seek his rest. To foster sleep and pleasant dreams, he took with him a bunch of poppies, which he continued to hold in his hand, even in slumber so profound that his arm slid off the ledge.

Morpheus, the versatile God of Dreams, was delegated to watch over Hypnos as he slept to fend off harm and insure pleasant dreams. In the seal he is shown holding aloft the Lamp of Learning by the light of which he keeps his vigil.

This legend, interpreting the design, will be wrapped with each pin, with the thought that knowing the story which inspired the design will add to its enjoyment.

For your convenience, a detachable order blank is printed below.

Gold Filled
Price—$4.00
(includes mailing)

ORDER BLANK

AMERICAN ASSOCIATION OF NURSE ANESTHETISTS

OFFICIAL EMBLEM

If pin is desired, please fill out this form and mail with remittance to:

American Association of Nurse Anesthetists
18 East Division Street, Chicago 10, Illinois.

NAME .....

STREET ADDRESS .....

CITY ..... STATE .....

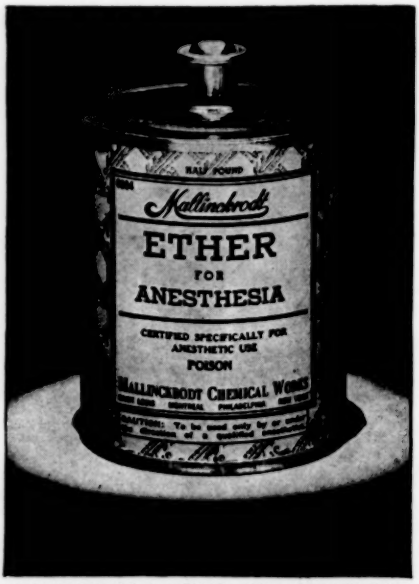
HOSPITAL .....

WHAT'S THE *first anesthetic* YOU THINK OF?

IN ALL surgery the name ETHER has come to be a synonym for anesthesia.

Much effort has been expended in the development of new anesthetics. While in some instances these newer anesthetic agents are preferable, yet most surgeons still regard ether as the anesthetic of choice in the majority of surgical cases.

MALLINCKRODT ETHER for Anesthesia is unsurpassed for purity, stability and uniform potency. MALLINCKRODT'S accumulated years of experience in ETHER production make it a choice of leading anesthetists. Supplied in ¼ lb., ½ lb., 1 lb. and 5 lb. cans.



MALLINCKRODT ETHER FOR ANESTHESIA

FOR VICTORY
BUY UNITED STATES WAR BONDS STAMPS

MALLINCKRODT CHEMICAL WORKS

78 Years of Service to Chemical Users

St. Louis • Chicago • New York • Montreal • Philadelphia • Los Angeles

Institute for Instructors of Anesthesiology

PLACE AND TIME: It is now definite that the Institute for Instructors of Anesthesiology will be held at the Knickerbocker Hotel, Chicago, the week beginning October 8, 1945.

CERTIFICATE: An attractive certificate will be presented by the American Association of Nurse Anesthetists to each member who has attended all of the sessions. Registrants are, therefore, urged to make every effort for 100 per cent attendance.

NUMBER OF REGISTRANTS ALLOWED: At this time of writing (July 15) there have been 125 applications received and no change has been made in the government ruling that the registration must be limited to 50 out-of-town members. If an increase in the number is not permitted by September 10, the registration fees will be returned to those applicants who cannot be accommodated. From now on, anyone wishing to attend the Institute may indicate her desire by sending the application (Page 55 in May Journal) to Mrs. Esther Myers-Stephenson, 7 Wolcott Road, Winchester, Mass., but please DO NOT send any money. If a larger registration is allowed, these applicants will be notified and their full registration fee may be paid at the Institute.

ELIGIBILITY: The letter announcing the Institute was sent to the members by second-class mail. For this reason there was a marked difference in the time that the members were notified. In fairness to members in all States, applications of anesthetists not affiliated with schools of anesthesiology from the various States will be considered and accepted in the order in which they were received.

RESERVATIONS: Hotel reservations will be made at the Knickerbocker Hotel for registrants and every effort will be made to secure the type of accommodation requested. The room will be reserved for the date indicated on the application form.

REGISTRATION: A notice will be posted in the lobby of the Hotel indicating the whereabouts of the Institute Registration Desk. Registration hours will be on Sunday from 4 P.M. to 8 P.M. and Monday 7:30 A.M. to 8:30 A.M. Registrants of the Institute are asked to register on Sunday if possible.

FACULTY

HAZEL BLANCHARD, President, American Association of Nurse Anesthetists; Chief Anesthetist, Samaritan Hospital, Troy, New York.

IRENE BOYLES, Member of Public Relations Committee, American Association of Nurse Anesthetists; President, North Carolina Association of Nurse Anesthetists; Chief Anesthetist, Charlotte Memorial Hospital, Charlotte, North Carolina.

MAE B. CAMERON, Chairman, Tri-

State Assembly for Nurse Anesthetists; Director, School of Anesthesiology, Ravenswood Hospital, Chicago, Illinois.

Elizabeth Coleman Blanchard, Former Chief Gas Therapist and Instructor, School of Anesthesiology, Mount Carmel Mercy Hospital, Detroit, Michigan.

Mabel Courtney, Member of Post War Problems Committee, American Association of Nurse Anesthetists; Instructor, School of Anesthesiology, Grace Hospital, Detroit, Michigan.

Gertrude Fife, Treasurer, American Association of Nurse Anesthetists; Director, School of Anesthesiology, University Hospitals, Cleveland, Ohio.

Edith-Helen Holmes, Chm., Publishing Committee, American Association of Nurse Anesthetists; Director, School of Anesthesiology, Norwegian-American Hospital, Chicago, Illinois.

Hugo V. Hullerman, M.D., Secretary, Council on Professional Practice, American Hospital Association, Chicago, Illinois.

Helen Lamb, Chairman, Educational Committee, American Association of Nurse Anesthetists; Director, School of Anesthesiology, Barnes Hospital, St. Louis, Missouri.

Leo M. Lyons, Director, St. Luke's Hospital, Chicago, Illinois.

Malcolm T. MacEachern, M.D., Associate Director, American College of Surgeons; Chairman, Council on International Relations, American Hospital Association, Chicago, Illinois.

Janet McMahon, Member of Curriculum Committee, American Association of Nurse Anesthetists; Instructor, School of Anesthesiology, University Hospitals, Cleveland, Ohio.

Raymond L. McNeely, M.D., Surgeon, Wesley Memorial Hospital, Chicago, Illinois.

Gertrude Myers, Director, School of Anesthesiology, St. Mary's Hospital, Detroit, Michigan.

Opal E. Schram, Member of Publishing Committee, Instructor, School of Anesthesiology, Wesley Memorial Hospital, Chicago, Illinois.

Sister Seraphia, Instructor, School of Anesthesiology, St. John's Hospital, Springfield, Illinois.

Eletta Engum Silver, Former Director, School of Anesthesiology, Mount Carmel Mercy Hospital; Member of Curriculum Committee, American Association of Nurse Anesthetists, Detroit, Michigan.

Miriam Shupp, Chairman, Examination Committee, American Association of Nurse Anesthetists; Chief Anesthetist, Strong Memorial Hospital, Rochester, New York.

Mary H. Snively, Director, School of Anesthesiology, Duke University Hospital, Durham, North Carolina.

Esther Myers-Stephenson, Chairman, Institute Committee, American Association of Nurse Anesthetists, Winchester, Massachusetts.

Margaret Sullivan, Chairman, Records Committee, American Association of Nurse Anesthetists; Chief Anesthetist, Roosevelt Hospital, New York, New York.

Sister Mary LaSalette Ruddy, R.S.M., Member of Institute Committee, American Association of Nurse Anesthetists; Instructor, School of Anesthesiology, Mount Carmel Mercy Hospital, Detroit, Michigan.

Alma Webb, Chairman, Curriculum Committee, American Association of Nurse Anesthetists; Instructor, School of Anesthesiology, Baylor University Hospital, Dallas, Texas.

PROGRAM

MONDAY, OCTOBER 8

7:30 to 8:30 A.M.—Registration

9:00 to 12 Noon —Greetings to the Institute
American Association of Nurse Anesthetists, Hazel Blanchard

American Hospital Association, Dr. Hugo V. Hullerman
Lecture: "Principles and Methods of Teaching" by: An Authority

Lecture: "Physiology of Circulatory System," Esther Myers-Stephenson

2:00 to 5:00 P.M.—Panel Discussion: "The Nurse Anesthetist's Plans for Tomorrow's Responsibilities"
Coordinator—Dr. Malcolm T. MacEachern
Director of Nursing Education—
Surgeon—Dr. Raymond L. McNeely
Physician—
Anesthetist—
Educator—
Administrator—Leo Lyons

7:00 to 9:00 P.M.—Lecture: "Principles and Methods of Teaching" by: An Authority

Discussion: "Physiology of Circulatory System"

TUESDAY, OCTOBER 9

9:00 to 12 Noon —Lecture and Discussion: "Endotracheal Anesthesia," Helen Lamb

Lecture and Discussion: "Signs of Anesthesia," Janet McMahon

2:00 to 5:00 P.M.—Ravenswood Hospital: Tour and Study of Physical set-up of School of Anesthesiology, Departments of Anesthesa and Gas Therapy," Mae B. Cameron

Round Table Discussion: "Administration of Anesthetic Agents and Allied Drugs"
Pentothal Sodium—Irene Boyles
Curare—Mable Courtney
Spinal Anesthesia—
Avertin with Cyclopropane—Mae B. Cameron

Group Discussion: "Resuscitation and Resuscitators"

7:00 to 9:00 P.M.—Lecture: "Principles of Curriculum Construction" by: An Authority

WEDNESDAY, OCTOBER 10

9:00 to 12 Noon —Lecture and Discussion: "Medications," Sister Mary La-Salette Ruddy

Lecture and Discussion: "Organization and Management of a Department of Anesthesia," Gertrude Fife

THURSDAY, OCTOBER 11

9:00 to 12 Noon —Lecture and Discussion: "Accidents Pre, During, and Post Anesthesia," Eletta Engum Silver

Lecture and Discussion: "Ethyl Chloride," Gertrude Myers

2:00 to 5:00 P.M.—Symposium: "Organization of a School of Anesthesiology"
Organization—Sister Seraphia
Faculty—
Facilities—Mary Snively
Records—Esther Myers-Stephenson
Student Entrance Requirements—Edith-Helen Holmes
Functions of a School Affiliated with a College—Eletta Engum Silver
Curriculum—Alma Webb

7:00 to 9:00 P.M.—Lecture: "The Essentials in Writing a Paper on Anesthesia" by: An Authority

FRIDAY, OCTOBER 12

9:00 to 12 Noon —Lecture and Discussion: "Gas Therapy," Elizabeth Coleman Blanchard

Demonstration and Discussion: "Anesthesia Department Records as recommended by the Record Committee of the American Association of Nurse Anesthetists," Margaret Sullivan

2:00 to 5:00 P.M.—Wesley Memorial Hospital: Tour and Study of School of Anesthesiology, Departments of Anesthesia and Gas Therapy, Opal E. Schram

7:00 to 9:00 P.M.—Information Please: "The Curriculum as Recommended by the Curriculum Committee of the American Association of Nurse Anesthetists," Alma Webb, Janet McMahon, and Eletta Engum Silver

9:00 P.M.—Social Hour

SATURDAY, OCTOBER 13

9:00 to 12 Noon —Information Please: "The American Association of Nurse Anesthetists Qualifying Examination," Miriam Shupp

Award of Certificates.

MEMBERS AMERICAN ASSOCIATION OF NURSE ANESTHETISTS

JULY, 1945

KEY TO SYMBOLS

* President State Association
** Secretary State Association
\# Inactive Member
Service
† Last Dues Paid 1944

In compliance with the orders issued by the Office of Censorship, Washington, D. C., we are not publishing service addresses for members overseas.

ALABAMA

Allen, Mrs. Edith B.	TCI Hospital	Fairfield
Allen, Lola	McNease & Robinson Hospital	Fayette
Ames, Juanita	Highland Av. Baptist Hospital	Birmingham 5
Barnes, Lt. Hattie M. USNR	U. S. Naval Hospital Navy Yard	Charleston, S. C.
Benefield, Mrs. Lois P.	1316 Springhill Ave.	Mobile 17
**Boggan, Alberta	1014 Essex Road	Birmingham 5
Campbell, Lt. Bernice	250 Austin Drive, Rt 2	Decatur, Ga.
Cook, Mrs. Mary E.	Eliza Coffee Memorial Hospital	Florence
Cooke, Louise V.	Jefferson Hospital	Birmingham 5
Couch, Inez	Citizens Hospital	Talladega
Currie, Willie Bruce	Jefferson Hospital	Birmingham
Davis, Mrs. Boykin	815 S. St. Andrews St.	Dothan
Donk, Louise	Colbert County Hospital	Sheffield
Elliott, Cornelia	Huntsville Hospital	Huntsville
Engelland, Violet E.	1141 S. 14th St.	Birmingham 5
Foust, Mrs. Alma C.	Colbert County Hospital	Sheffield
Gamble, Lt. Flossie ANC-N-763803	A.S.F. Regional Hospital	Camp Blanding, Fla.
Getty, Mrs. Edith S.	306 N. Bayview Ave.	Fairhope
Grantham, Mrs. Mary S.	408 S. 4th St.	Gadsden
Hagel, Dolores	Baptist Hospital West End Unit	Birmingham 7
Hartin, Annie P.	Memorial Hospital	Andalusia
Hester, Allene	1155 Springhill Ave.	Mobile 16
Hill, Mrs. Emily McC.	Hill Hospital	York
Hollum, Annie L.	Sylacauga Hospital	Sylacauga
#Hughes, Mrs. Ruth H.	The Berkeley 2124 Highland Ave.	Birmingham 5
Lindsey, Mrs. Grace V.	Anniston Memorial Hospital	Anniston
Maenner, Rosa E.	59 LeMoyne Place	Mobile 17
McLain, Jewell	Jefferson Hospital	Birmingham 5
Morris, Mrs. Nell Gandy	1421 N. 24th St.	Birmingham 4
Nelson, Lt. Edna Earl	c/o Surgery, Moore General Hospital	Swananoa, N. C.
*Nelson, Thelma	918 South 30th St. Apt. 1	Birmingham 5
O'Dell, Mrs. Mary J.	3616 Mountain Lane	Birmingham 9
O'Reilly, Mrs. Thelma	Spry Funeral Home	Florence
Orr, Mrs. Zadie Lou	421 Goodwin Ave.	Anniston
Parks, Mary Blande	Druid City Hospital	Tuscaloosa
Pepe, Mrs. Gertie B.	West End Baptist Hospital	Birmingham 7
Philen, Della Iva	2163 Highland Ave.	Birmingham 5

Rice, Verna M.	2508 St. Stephens Rd.	Mobile 17
Rushing, Mrs. Evelyn P.	2030 S. 9th Ave., Apt. 1	Birmingham 7
Scott, Mrs. Lida	313 East Williams St.	Huntsville
Sister M. Paulette Foley	Holy Name of Jesus Hospital	Gadsden
Siura, Esther B.	Box 182	Grand Bay
Swetman, Minnie E.	U. S. Marine Hospital	Mobile 16
Traber, Anna	2020 11th Ave.	Birmingham 5
Walker, Ruby	Jefferson Hospital	Birmingham 5
Wilson, Bess	King Memorial Hospital	Selma

ARIZONA

Bolton, Gladys M.	c/o Dr. J. L. Borah 814 Professional Bldg.	Phoenix
Cornell, Mrs. Opal C.	322 N. Forgeus Ave.	Tucson
Dearing, Mrs. Lennie B.	Box 84, Flagstaff Hospital	Flagstaff
Hall, Arlyne L.	307 W. Virginia	Phoenix
Jenkins, Pauline	Pima County Hospital	Tucson
O'Brien, Mrs. Vera T.	1439 E. Seventh St.	Tucson
Rogers, Mrs. Lillian B.	P. O. Box 3431	Phoenix
Simco, Mrs. Josephine	1840 E. 10th St.	Tucson
Sprecher, Esther M.	117 W. Luna	Tucson
Tunnell, Mrs. Gladys K.	P. O. Box 602	Tempe

ARKANSAS

**Atwood, Eva		Springdale
Boozman, Mrs. B. B.	906 N. 15th St.	Fort Smith 7
Clardy, Grace I.	University Hospital	Little Rock
Cox, Lt. Dessie M., ANC		Overseas
Craddock, Alice	Crossett Hospital	Crossett
Eldred, Ruth	Sparks Memorial Hospital	Fort Smith
Gaffeney, Mrs. Lucy B.	1302 Wolfe St.	Little Rock
Goss, Mrs. Louise C.	4622 Alabama Ave.	Fort Smith
Hardesty, Mrs. Mildred C.	623 W. Court	Paragould
Junkin, Mrs. Martha H.	2230 S. "X" St.	Fort Smith
Maysarros, Lt. Ann		Overseas
*McMillin, Mrs. Claudia E.	1311 Louisiana St.	Little Rock
Montgomery, Adalene W.	1820 West 14th St.	Little Rock
Murphy, Maurice C.	Box 72	Calion
Petty, Blanche G.	324 Rosetta St.	Little Rock
Phillips, Mary E.	St. Mary's Hospital	Russellville
Rapier, Edith W.	2000 Main St.	Little Rock
Tate, Mrs. Thelma R.	St. Louis Southwestern Ry. Hosp.	Texarkana
†Thomson, Lt. Jessie M.	Station Hospital	Camp Robinson
#Tomlinson, Hazel	Baptist Hospital	Little Rock
#Trice, Mrs. Hazel Dell	Box 224	Dierks
Wells, Mrs. Jewell	Davis Hospital	Pine Bluff

CALIFORNIA

Andersen, Emmeline	1358 Clement St.	San Francisco 18
Anderson, Vera M.	1470 Fulton St.	San Francisco 17
Arent, Madeleine	Providence Hospital	Oakland
Armitage, Irene R.	Box 109	Loma Linda
Aynes, Maj. Edith A., ANC	OTD Nursing Branch 1818 "H" St., N. W.	Washington 25, D. C.
Bagley, Mrs. Lettie E.	Providence Hospital	Oakland 9
Baldwin, Mrs. Louise S.	St. Helena Sanitarium & Hosp.	Sanitarium
Barbee, Mrs. Genevieve	1318 Pine St.	Martinez
Barker, Betty	1400 Fell St.	San Francisco 17
Barron, Monee	3086 Walton Place	San Diego 4
Bartron, Kathryn	1167 Bush St.	San Francisco 9

Bates, Alta A.	Alta Bates Hospital 3016 Regent St.	Berkeley 5
Beecher, Mrs. Kathryn C.	544 Francisco Drive	Burlingame
Begley, Mrs. Lottie	2336 Bellevue	Los Angeles
Berry, Capt. Comfort A., ANC-N-736005		Overseas
Bichel, Martha	Franklin Hospital	San Francisco 14
**Bopp, Mrs. Cleo D.	2801 East 16th St.	Oakland 1
Brand, Mrs. Alice W.	c/o Arthur Brand	Chester
Brewer, Mrs. Nancy E.	Vista Colorado, Apt. 1	Needles
Brooks, Mrs. LeRoy	2238 Hyde St.	San Francisco 9
Brown, Lt. Avis		Overseas
†Brown, Ens. Elsie B., USNR	U. S. Naval Hospital	Oakland 14
Bulin, Emma J.	1537 Jackson St.	Oakland 12
Butler, Teresa	U. S. Naval Hospital	Mare Island
Calkin, Mrs. Blanche W.	2200 Post St.	San Francisco 15
Casey, Veronica	2609 22nd St.	San Francisco 10
Cauthorn, Mrs. Mabel P.	318 Elm St.	San Mateo
Churchill, Lt. Lulubel	426 South Tuxedo	Stockton 21
Clinard, Mrs. Aileen Maguire	Permanente Hospital	Oakland
Clutton, Evangeline M.	416 Hawthorne Ave.	Oakland 9
Costa, Rosa	P. O. Box 317	Sonora
Culver, Edith	Sutter Maternity Hospital	Sacramento 16
Curd, Mrs. Euphemia G.	3300 53rd St.	Sacramento
Curtis, Adeline	545 South Zeyn St.	Anaheim
Daulton, Adelyn	4841 "B" St.	Sacramento 16
Davis, Mrs. Laura M.	P. O. Box 67	La Mesa
Davis, Mrs. Olive A.	728 Taylor St., Apt. 5	San Francisco 2
DeBerry, Rosabel	4085 Hill Crest Drive	San Diego
Deering, Bessie G.	2905 Gee St.	Sacramento 16
Diebold, Ruth	170 Duboce St.	San Francisco 9
Dietmeyer, Genevieve M.	435 Sixth Ave.	San Francisco 18
Doar, Mary Emma		Lone Pine
Donley, Helene	707 Bryant	Palo Alto
Doster, Mrs. Ella R.	Box 222	Woodland
Edwards, Mrs. Anna A.	1608½ W. Gage Ave.	Los Angeles 44
Eilertson, Lt. Elanda J., N-783401-ANC		Overseas
Eliasson, Capt. Hilda		Overseas
Emery, Lt. Alda M., ANC, N-702581		Overseas
Engleman, Rae	600 39th St.	Richmond
Frazier, Mrs. Mary E.	434 Rich St.	Oakland 9
Fusilier, Mary Bell	2160 Fell St., Apt. 302	San Francisco 17
Gallon, Martha	4180 Opal St.	Oakland 9
Gentle, Marjorie M.	2200 Post St.	San Francisco 15
Gorman, Mrs. Ada Terry	183 Jordan Ave.	San Francisco 18
Gosker, Margaret	1145 Union St., Apt. 14	San Francisco 9
Graham, Mrs. Katherine H.	159 21st Ave.	San Francisco 21
Greenlund, Mrs. Thelma P.	1109 39th St.	Sacramento
Gremsgard, Mrs. Elinor R.	2825 S. Grand	Los Angeles 7
Guptill, Martha M.	3027 Telegraph Ave.	Oakland 9
Hammond, Mrs. Wanda	124 Gonzales D., Parkmead	San Francisco
Hansen, Mrs. Mell J.	2431 "L" St.	Sacramento
Harper, Mrs. Ruth O.	804 Longwood Ave.	Los Angeles
Hart, Mrs. Frances Gibson	736 E. Alvarado	Pomona
#Hawk, Eleanor R.	4180 Opal St.	Oakland 9
Hebert, Marie L.	1547 Bancroft Way	Berkeley 3
Heitmeyer, Mrs. George	Monterey Hospital	Monterey
Henne, Lt. Bessie M., ANC		Overseas
Herr, Mrs. Roberta M.		Forest, La.
Hood, Gladys	3301 Telegraph	Oakland 9
Hoover, Mrs. Zola P.	530 Pala Way	Sacramento 16

⚑Horrer, Lt. (jg) Alice L.		Overseas
Hrin, Anna B.	4085 Hillcrest Drive	San Diego 3
Huff, Mrs. Viola	973 Alamos Ave.	N.Sacramento15
Huntimer, W. Serena	500 Stanyan St.	San Francisco 17
Inghram, Mrs. Elsie L.	232 El Camino Road	San Bruno
Jacobson, Mrs. Bertha H.	348 35th St.	Oakland 9
Jarvie, Mrs. Aura	2432 Broadway	San Diego 2
Jevne, Mrs. Sophie	4037 Wilshire Blvd.	Los Angeles 5
Jewel, Mrs. Bertha C.	837-450 Sutter St.	San Francisco 8
Johnson, Mrs. Louise G.	1970 Fell St.	San Francisco 17
Jones, Edith H.	952 Sutter St.	San Francisco 9
Kays, Mrs. Elizabeth V.	Rt. 2, Box 216	Bakersfield
Keenan, Katherine	40 Shrader St.	San Francisco 17
Kempers, Norma C.	235 St. Joseph Ave.	Long Beach
⚑Kerhulas, Lt. Sarah J., ANC	ASF Regional Hospital	Fort Ord, Cal.
Kirby, Mrs. Alice M.	3075 Harrington Ave.	Los Angeles 6
#Krekeler, Mrs. Irene F.	737 Rodney Drive	San Leandro
#Lagan, Mrs. Marian L.	5 Prado Way	San Francisco 23
Landis, Mrs. Edna S.	Box 845, 1081 Woodland Ave.	Chico
Lofstedt, Anna R.	578 34th St.	Oakland 9
Lueck, Florence	56 Walter St.	San Francisco 14
Lynch, Kathryn R.	Franklin Hospital	San Francisco 14
MacPherson, Mrs. Helen V.	288 N. Frances St.	Sunnyvale
Mahoney, Mrs. Helen T.	5635 E. 6th Ave.	Denver, Colo.
Malamphy, May	2068 Grove St.	San Francisco 17
Marchioni, Linda Marie	San Francisco Hospital	San Francisco
†⚑Mathews, 1st Lt. Margaret M., ANC		Overseas
⚑McCoppin, Lt. Margaret, ANC, N-737759		Overseas
⚑McConnor, Ens. Arlene M.	U. S. Naval Hospital Treasure Island	San Francisco
McDonald, Hazel E.	331 Allen St.	Martinez
⚑McDonald, Lt. Nell J., ANC, N-789595	Regional Hospital, S.A.A.A.B.	Santa Ana
McFarland, Ethelyn J.	225 E. Elmwood Ave.	Burbank
#Morgan, Mrs. Gay	807 39th Ave.	San Francisco 21
Myers, Mrs. Wanda M.	3075 Harrington	Los Angeles 6
Nelson, Dagmar A.	170 S. Mountain View Ave.	Los Angeles 4
New, Margaret Opal	1310 Carlton Ave.	Stockton
North, Alberta M.	St. Joseph's Hospital	Stockton
Olson, Mrs. Alma O.	714 N. Howard St.	Glendale 6
O'Neil, May A.	21 Guerrero St.	San Francisco 3
Osborne, Jane	2017 14th Ave.	Oakland
Palmer, Mrs. Flora A.	2790 Land Park Drive	Sacramento 14
Patterson, Mrs. Adelyne B.	Box 1326, Rt. 9	Sacramento 16
†⚑Peeler, Lt. Frances C., ANC	Station Hospital, VAAF	Victorville
Pence, Mada C.	624 Second St.	Woodland
Peters, Lillian L.	General Delivery	Belmont
Peterson, Edith L.	3962 Goldfinch	San Diego 3
Peterson, Edna M.	1106 Bush St.	San Francisco 9
Pierce, Mrs. L. Marcella	Community Hospital	Vallejo
Piercy, Mrs. F. Margaretta	1217 York St.	San Francisco 10
Pringle, Mrs. Gertrude N.	65 Buena Vista Ave.	San Francisco 17
Pritchard, Muriel M.	Cottage Hospital	Santa Barbara
Quarles, Myra Belle	5105 Dover St.	Oakland 9
Ramsey, Dorothy B.	12124 Laurel Terr. Drive	No. Hollywood
Rea, Mrs. Pauline K.	342 — 35th St.	Oakland 9
⚑Reid, Lt. Hazel P.	Station Hospital	Camp Beale
Richardson, Mrs. Jean H.	426 — 29th St.	Oakland 9
Roberts, Mrs. Mary A.	43 Manor Drive	Piedmont
Rogers, Margaret C.	329 South Fifth St.	San Jose 12
Root, Mabel G.	99 N. Madison	Pasadena 4
Root, Matilda M.	4718 Valencia	San Diego 5

Rossi, Mrs. Antoinette	514 Loraine	San Jose
*Rowland, Mrs. Mae	1822 San Antonio Ave.	Alameda
Salinsky, Mary	3018 Mission St., Apt 25	San Francisco 10
Schierman, Ruth	LaSierra Station	Arlington
Schreiber, Olga E.	Woodland Clinic	Woodland
Schwarz, Mrs. Elizabeth T.	2626 — 35th Ave.	San Francisco 16
Scott, Mrs. Vera R.	612 C San Gabriel Ave.	Albany
Searcy, Geraldine L.	3417 Broadway	Oakland 11
Sedwick, Lt. Gertrude, ANC		Overseas
Seroy, Miss Jeanette M.	422 East Chestnut St.	Stockston 20
Shockites, Lt. Helen A., ANC		Overseas
Shorrey, Mrs. Margaret M.	St. Francis Hospital	San Francisco 9
Singleton, Adele P.	1715 Almond Ave.	Modesto
Sister Helen Margaret McGinley	Sisters Hospital	Santa Cruz
Sister M. Bernardo Morrish	501 S. Buena Vista St.	Burbank
Sister M. Borgia Gabrys	St. Joseph's Hospital	San Francisco 17
Sister M. Catherine Mullen	Mercy Hospital	Sacramento
Sister M. Colombo	St. Elizabeth's Hospital	Red Bluff
Sister M. Kevin Redmond	4001 "J" St.	Sacramento 16
Sister M. Madonna Maier	Sisters Hospital	Santa Cruz
Sister M. Remigia Wiederkehr	St. Joseph's Hospital	San Francisco 17
Slattendale, Lt. Julo A., ANC, N-0783732		Overseas
Smith, Vieve L.	U. S. Marine Hospital	San Francisco 18
Snail, Mrs. Alice E.	2429 — 19th St.	Bakersfield
Snider, Mrs. Adeline S.	1065 Bush, Apt 19	San Francisco 9
Spratling, Mrs. Pauline T.	Dibble General Hospital	Menlo Park
Stevenson, Mrs. Mary Roche	Franklin Hospital, 14th St.	San Francisco 14
Stone, Elva	1811 — 27th Ave.	Oakland 1
Stuart, 2nd Lt. Rosalee	Oakland Regional Hospital SCU 1978	Oakland 14
Sven, Miss Myrtle E.	c/o Dr. J. P. Pursell Converse Bldg.	El Segundo
Sydskogen, Ens. Solveig E.	U. S. Naval Hospital	Oakland
Taylor, Sallie B.	6231 Afton Place	Hollywood
Thompson, Vera L.	Box 924	Stockton
Thornton, Mary C.	601 Tennessee St.	Vallejo
Treadway, Mrs. Vera Jones	3320 Webster St.	Oakland 9
#Tynan, Gertrude L.	R. R. No. 1, Box 292	San Joaquin Co Manteca, Calif.
Van Dahl, Mrs. Carney Ennis	3785 — 4th Ave.	San Diego 5
Walsh, Mrs. Irene D.	371 Hawthorne Ave.	Oakland 9
Ward, Mrs. Eloise S.	3521 Buena Vista Ave.	San Diego 9
Waters, Dorothy	4613 E. Mountainview Drive	San Diego 4
Weber, Mrs. Nan S.	327 A Green St.	San Francisco 11
Wells, Mrs. Josephine B.	St. Josephs' Hospital 416 E. McCloud	Stockton 20
Wever, Mertice McL.	Veterans Hosp. Nurses' Home 42nd Ave. and Clement St.	San Francisco 21
White, Isabella W.	St. Francis Hospital	San Francisco 9
#Wiese, Mrs. Esther S.	5101 Toledo, Apt. C	Long Beach 3
Wilkinson, Irma	50 Ulloa St.	San Francisco 16
Wilson, Mrs. Elizabeth F. M.	Community Hospital, Box 312	Vallejo
Wilson, Eva M.	3027 Telegraph Ave.	Oakland 9
Winter, Mrs. Cecelia M.	Trout Club, Star Route	Santa Barbara
Wright, Anne M.	3438 Andover St.	Oakland 9
Youngren, Mrs. Victoria W.	2428 Milvia St., Apt. 3	Berkeley 4
Zazaske, Stephanie	2127 N. Princeton Ave.	Los Angeles 26
Zink, Laura A.	1022 — 37th St.	Sacramento 16

COLORADO

Allen, Mrs. Louise	1212 Cherry St.	Denver 7
Carpenter, Mrs. May M.	2370 Ash St.	Denver 7
Castleberry, Lt. Lillian M.		Overseas
Clayton, Mrs. Jean	Burkroe Beach	Virginia
Courtney, Helen M.	Box 416	Burlington
Curran, Mrs. Rosemary	1630 Filmore St.	Denver
Currie, Ethel F.	429 Remington	Fort Collins
Frank, Ruth A.	1825 Gilpin	Denver 6
Galiani, Mrs. Geraldine		
Jones, Mrs. Thelma C.	218 N. Sherwood St.	Fort Collins
Kassanchuck, Julia	3824 S. Fourth St.	Denver
Kramer, Miss Margaret L.	Corwin Hospital	Pueblo
MacFarlane, Mrs. Louise	311 S. First St.	Lamar
*Moon, Mrs. Henrietta M.	950 Marion St.	Denver 3
Mullen, Lelia I.	1153 Colorado Blvd.	Denver
Murdock, G. Eugenia	2640 West 32nd Ave.	Denver 11
**Nelson, Frances A.	759 Milwaukee St.	Denver 6
Niedermyer, Hilda	1035 Pearl St.	Denver 5
Rathbone, Lt. Marie H.		Overseas
†Schierer, Lt. Eleanor C.	Keesler Field	Biloxi, Miss.
Sidel, Lt. Ollie, ANC		Overseas
Sister Alphonse Liguori	St. Mary's Hospital	Pueblo
Sister M. Adele Simons	St. Anthony's Hospital	Denver 4
Sister M. Luitgard Thomas	431 Macon Ave.	Canon City
Sister Rachel Rausch	St. Vincent's Hospital	Leadville
Smith, Eleanor V.	Mercy Hospital 1630 Filmore St.	Denver
Stevens, Mrs. Ann	2263 Grape St.	Denver
Stuart, Linda M.	Corwin Hospital	Pueblo
Sullivan, Lucile M.	1630 Fillmore St. Mercy Hospital	Denver 6
Wagner, Venus	Presbyterian Hospital 19th and Gilpin	Denver 6

CONNECTICUT

Allcock, Alice	Charlotte Hungerford Hosp.	Torrington
Allison, Lt. Mary V., ANC		Overseas
Alzheimer, Mrs. Beatrice K.	Bridgeport Hospital	Bridgeport 8
Anderson, Capt. Marion L., ANC		Overseas
Anderson, Mrs. Marjorie C.	Danbury Hospital	Danbury
Bander, Edna M.	120 Dwight St.	New Haven 11
Blaney, May V.	St. Francis Hospital	Hartford 5
Bradford, Elizabeth	780 Harvard Ave.	New Haven
Clarke, Lt. Lula A., ANC		Overseas
Clifford, Mrs. Louise M.	Station Hospital	Camp Brady, Texas
Davidson, Mary C.	Greenwich Hospital	Greenwich
Davis, Miss Elizabeth F.	St. Vincent's Hospital	Bridgeport 6
Dunst, Elizabeth	2912 Main St.	Bridgeport 6
Golding, Mildred I.	541 Montauk Ave.	New London
Gorman, Agnes	17 Norton St.	Waterbury 74
Hunt, Alice M.	New Haven Hospital	New Haven 4
Hutchinson, Doris I.	Memorial Hospital	Manchester
Kloss, Margaret Mary	63 Pythian Ave.	Torrington
Kuuz, Helen M.	181 Cook Ave.	Meriden
Lorentzou, Ebba	Waterbury Hospital	Waterbury 61
Loyd, Belle	Danbury Hospital	Danbury
MacKenzie, Elsie M.	314 Orchard St.	New Haven 11
Magdich, Marion Ann	810 Ellsworth St.	Bridgeport 5
Monahan, Mrs. Florence D.	219 Peck Ave.	West Haven

Muha, Anna Margaret	Bridgeport Hospital	Bridgeport
O'Donnell, Ann R.	2 Middle St.	Waterbury 65
O'Donnell, Margaret M.	2 Middle St.	Waterbury 65
Paterson, Agnes		
Petravice, Alice M.	Grace Hospital	New Haven 11
Reilly, Mary L.	445 Howard	New Haven 11
Reynolds, Lt. Dorothy Ann, ANC		Overseas
Roderick, Ann N.	St. Francis Hospital	Hartford 5
Shepard, Marjorie F.	78 State St.	Guilford
Snyder, Myrta E.	181 Cook Ave.	Meriden
Stover, Ethel	Bridgeport Hospital	Bridgeport 8
Sutliff, Dorothy S.	Danbury Hospital	Danbury
Welker, Lt. Marianne		Overseas
Welling, Eula E.	Waterbury Hospital	Waterbury 61
Zagraniski, Anne T.	W. W. Backus Hospital	Norwich

DELAWARE

Davis, Lt. Willie Lee, ANC		Overseas
Maiale, Mrs. Ella M.	123 Ogle Ave.	Wilmington 172
McCool, M. Vivian	Wilmington Gen'l Hospital	Wilmington 14
Westbrook, Edith	Delaware Hospital	Wilmington 13

DISTRICT OF COLUMBIA

Furlong, Rose L.	1741 Church St., N.W.	Washington 6
MacDonald, Mary V.	1514 17th St., N.W.	Washington 6
Rhodes, Mrs. Clara Swindle	404 Newcomb St., S.E.	Washington 20
Smiser, Mrs. Elizabeth S.	2000 Connecticut Ave., Apt 909	Washington 8
Speers, Helen M.	2150 Penn Ave., N.W.	Washington 7
Villaroman, Mrs. Helen A.	7407 Georgia Ave., N.W.	Washington 12

FLORIDA

Baker, Sara F.	818 E. Moreno	Pensacola
Ballentine, Lt. (jg) Ruth H.	U. S. Naval Hospital	Seattle, Wash.
Barrett, Emily H.	908 S.W. 26th St.	Ft. Lauderdale
#Bell, Fannie R.	1104 DeSoto St.	Pensacola
Bowen, Luta Irene	132 E. Muriel Ave.	Orlando 5
Bowles, Mrs. Isabel W.	1602 Goodwin St.	Jacksonville 4
Brown, Mary C.	1501 N.W. 2nd St.	Miami 35
**Burg, Mrs. Flora M.	1520 N.W. 8th Court	Miami 36
Caldwell, Bessie G.	Florida Sanitarium	Orlando
#Caldwell, Mrs. Thelma	29-A Venetian Way, Apt. 5	Belle Isle, Miami Beach
Card, Jennie A.	St. Luke's Hospital	Jacksonville
Compton, Mrs. Evon E.	1227 Greenwood Ave.	Orlando
Conlon, Mrs. Louise M.	St. Joseph's Hospital	Tampa 5
Cook, Mrs. Lenella B.	c/o Mrs. M. Juergen, Box 2342	West Palm Beach
Creelman, Margaret E.	607 Magnolia Ave.	Tampa 6
Davis, Mrs. Elizabeth Jennings	400 Park St.	Jacksonville
Davis, Mrs. Inez G.	210 N. Mantanzas	Tampa 6
Davis, Nellie G.	1426 9th St. N.	St. Petersburg
Deere, Mrs. Dorothy W.	191 Elm St.	New Bedford, Mass.
Diederich, Mrs. Charlotte	P. O. Box 350	Port Orange
Duffield, Caroline I. Contributing Member A.A.N.A.	1110 Madrid St.	CoralGables 5
#Edwards, Mrs. Ruth Hoyt	P. O. Box 134	Zellwood

Egan, Mrs. Pierina G.	Nassau County Hospital Box 38	Fernandina
Ellis, Mrs. Ida T.	1210 Kuhl Ave.	Orlando
*Elmore, Mrs. Carol A.	1780 S.W. 18th Ave.	Miami 35
#Erdle, Mrs. Mary S.	212 N.E. 23rd St.	Miami 37
Fancher, Mrs. Blanche E.	Route 1, Box 1030	Tampa
Gittelman, Sadie R.	St. Vincent's Hospital	Jacksonville
Griffen, Mrs. George W.	1210 Kuhl Ave.	Orlando
Haffey, Mary R.	35 W. Columbia Ave.	Orlando
Halton, Mrs. Edith F.	Municipal Hospital	Tampa 6
Jackson, Mrs. Martha S.	Tampa Municipal Hospital	Tampa
Johnson, Anita L.		Homer, La.
Kelly, Agnes M.	1450 S.W. 7th St.	Miami 35
Kendall, Lt. Mildred		Overseas
Kenney, Florence	St. Francis Hospital	Miami Beach
Kossack, Michalina A.	Dade County Hospital	Miami 33
MacRae, Lt. Elizabeth	U. S. Marine Corps Air Sta.	Cherry Point, N. Car.
Montgomery, Lt. Carmen, ANC	Station Hospital	Camp Livingston, La.
Pearson, Mrs. Genevia B.	Pensacola Hospital	Pensacola
Phillipoff, Mrs. Mary F.	Morton Plant Hospital	Clearwater
Ponder, Etta O.	Jackson Memorial Hospital	Miami 36
Riley, Alice Madge	St. Luke's Hospital	Jacksonville 6
#Rogers, Mrs. L.		Chattahoochee
Saks, Capt. Marion J. ANC N-721456	AAF Convalescent Hosp. Don Ce-Sar Place	St. Petersburg
Schier, Alpha E.	588 Osceola St.	Jacksonville 4
Scott, Mrs. Marguerite A.	208 E. Adulu St.	Tampa
Sinclair, Mrs. Naomi B.	Tampa Municipal Hospital	Tampa
Taylor, Mrs. Marjorie W.	Box 790	Plant City
Tew, Mrs. Patsy F.	c/o Dr. Alton F. Tew Grady Hospital	Atlanta, Ga.
Tharp, Lt. Lulu M. ANC N764063		Overseas
Vance, Ina B.	Alachua County Hospital	Gainsville
Vanderwood, Capt. Lena ANC N702465	McCaw General Hospital	Walla Walla, Wash.
White, Mrs. Helen F.	106 E. Plymouth St.	Tampa 3
Wilbanks, Mary C.	820 N. 12th Ave.	Pensacola
Wilds, Martha L.	Jackson Memorial Hospital	Miami 36
Williams, Mrs. Alice G.	886 N.E. 117th St.	Miami

GEORGIA

Belcher, Lexie	Emory University Hospital	Emory Univ.
Benteen, Lt. Anita C.		Overseas
Bowen, Mrs. Brownley M.	636 Orange St.	Macon
Burdette, Agnes	City Hospital	Columbus
Burns, Mrs. Estelle W.	R. F. D. No. 2	Decatur
Burris, Mrs. Myrtle S.	Central of Ga. Ry. Hospital	Savannah
*Caraway, Billie B.	Georgia Baptist Hospital 450 East Avenue, N.E.	Atlanta
Carter, Lt. Hazel, ANC	Moore General Hospital	Swannanoa, N. Car.
Carville, 1st Lt. Elizabeth O.		Overseas
Clark, Mrs. Beata B.	St. Joseph Infirmary	Atlanta 3
Cole, Ensign Eunice I.	U. S. Naval Hospital	Oakland, Cal.
Coleman, Margaret L.	Emory University Hospital	Emory Univ.
Davis, Effie	Patterson Hospital	Cuthbert
Davis, Ensign Mildred R. N.C.	U. S. Naval Hospital	Portsmouth, Va.
Dervin, Mrs. Fern N.	Emory University Hospital	Emory Univ.

Dorminey, Jo Vertis	Grady Hospital	Atlanta
Driver, Virginia N.	Georgia Baptist Hospital 450 East Avenue, N.E.	Atlanta
Eull, Mrs. Myrtle	Georgia Baptist Hospital 450 East Avenue, N.E.	Atlanta
■Everitt, Lt. Melba, ANC		Overseas
■Francisco, Lt. Estelle		Overseas
Gaissert, Julia T.	P.P.M. Hospital	Albany
#Gauvreau, Mrs. Ruth B.	1176 Amsterdam, N.E.	Atlanta
Glenn, Dallas	Emory University Hospital	Emory Univ.
Glenn, Mrs. Frances L.	4491 Jett Road, N.W.	Atlanta
Gowdy, Mrs. Ruby Lee E.	417 Hillside Drive, S.W.	Atlanta
Green, Miss Flossie	Macon Hospital	Macon
Grubb, Mary A.	Newnan Hospital	Newnan
■Guinn, Lt. Martha Scott ANC		Overseas
■Helig, Lt. H. Rose, ANC		Overseas
Hewes, Caroline K.	Macon Hospital	Macon
Hohenschutz, Caroline E.	St. Joseph Infirmary	Atlanta 3
Holliday, Gladys A.	Crawford Long Hospital	Atlanta
**Hyatt, Mary	56 Fifth St., N.E.	Atlanta
Ivey, Mrs. Norma	761 Virginia Ave., N.E.	Atlanta
Jones, E. Mae	Rawlings Sanitarium	Sandersville
Kiefer, Anna M.	Vereen Memorial Hospital	Moultrie
King, Mrs. Mary McCord	220 West Benson St.	Decatur
■Mahoney, Lt. Clara C. ANC, N-764,122	Kennedy General Hospital	Memphis 15, Tenn.
McDonald, Carolyn M.	Emory University Hospital	Emory Univ.
McDonald, Mrs. Rosalie C.	Emory University Hospital	Emory Univ.
McGinty, Mrs. Jean Greear	Elbert County Hospital	Elberton
■McMullen, Lt. Sarah Powell	Station Hospital	Ft. McPherson, Ga.
Nutt, Annie L.	Strickland Memorial Hospital	Griffin
■Patterson, Capt. Dorothy D. ANC, N-763,385	Thayer General Hospital	Nashville 5, Tenn.
Penn, Emma E.	Georgia Baptist Hospital 450 East Avenue, N.E.	Atlanta 3
■Plummer, Lt. Thora L. ANC		Overseas
Rapp, Mrs. Grace M.	574 Collier Road, N.W.	Atlanta
Ridley, Mrs. Rubye	1055 Rosewood Drive, N.E.	Atlanta
■Rogge, 1st Lt. Anne K.	Lawson General Hospital	Atlanta
■Rohn, Lt. Adina C.		Overseas
Rose, Mary Elizabeth	Emory University Hospital	Emory Univ.
Rowzee, Theo. L.	478 Peachtree St.	Atlanta 3
Ryan, Ellen	City Hospital	Columbus
Saye, Mrs. Clara J.	Athens General Hospital	Athens
Scandrett, Jane H.	702 Vaupas Ave.	Savannah
Sister M. Ludgeris, M.S.C.	St. Mary's Hospital	Athens
#■Sparks, Lt. Dolores A.	1206 Peachtree St.	Atlanta
■Stott, Major Mabel	Lawson General Hospital	Atlanta
Sturkie, Clyde	Columbus City Hospital	Columbus
■Swinson, Lt. Lula, ANC		Overseas
Tebo, Mrs. Ruth E.	12. E. Shadow Lawn Ave., N.E.	Atlanta
Thompson, Ellie	Crawford W. Long Hospital	Atlanta 3
Vaden, Alice Maude	Oglethorpe Sanitarium	Savannah
Vickers, Leola		Douglas
†■Waldhaus, Lt. Edith A. ANC N-763,686	2204 Main St	Bridgeport 6, Conn.
■Warman, Lt. Halo H., ANC N-744,291		Overseas
Wells, Louise	Archbold Memorial Hospital	Thomasville
Wertz, Miss E. Ruth	403 Blvd., N.E.	Atlanta
Williams, Lucile	Central of Ga. Ry Hospital	Savannah

IDAHO

Butler, Lt. Selma J.		Overseas
Davis, Mrs. Lillian A.	Box 387	American Falls
Henggeler, Martha M.	1006 Hays St.	Boise
Johnson, Malvina	755 Government Way	Coer d'Alene
LeBedovick, Sylvia S.	L.D.S. Hospital	Idaho Falls
#Mauro, Mrs. Helen		Nezperce
McCabe, Mabel B.	General Hospital	Pocatello
Meyer, Marie	415 Jefferson St.	Boise
Nelson, Leona K.	406 Bannock	Boise
Sister Joseph Arthur	Providence Hospital	Wallace
Sister M. Clotilda Fencht	St. Joseph's Hospital	Lewiston
Sister M. Felicitas	St. Valentine's Hospital	Wendell
Sister M. Helen	St. Valentine's Hospital	Wendell
Sister M. Jeanne Mays	Sacred Heart Hospital	Idaho Falls
Stone, Lt. Mary E., ANC		Overseas
Thornton, Mrs. Olive P.	Ball Apts., 12th St.	Idaho Falls
Yates, Mrs. Maggie K.		Rockland

ILLINOIS

Abbihl, Lt. (jg) Alice I.		Overseas
Adams, Mary Beatrice	St. Mary's Hospital	Kankakee
Ahlson, Miss Elynor	2875 W. 19th St.	Chicago 23
Allen, Lulu C.	Box 186	Freeport
Armstrong, Azila J.	1040 Sheridan Rd., Apt. 3C	Chicago 40
Astling, Mrs. Minnie	251 Edward St.	Sycamore
Aultz, Margaret	2418 N. Ridgeway	Chicago 47
Bader, Helen E.	303 E. Superior St.	Chicago 11
Bailey, Mrs. Leota C.	839 W. Sheridan Rd.	Chicago 13
*Baines, Mrs. Julia T.	1096 Lee St.	Des Plaines
#Baker, Mrs. Marjorie R.	2026 N. Burling St.	Chicago 14
Baker, Capt. Sedly Gayle ANC	Brooke General Hospital	Fort Sam Houston, Tex.
Baker, Lt. Una I.	Station Hospital	Ft. Sheridan, Ill.
Behrens, Angelene M.	6948 Touhy Ave.	Niles 31
Bennett, Dolly M.	St. Luke's Hospital	Chicago
Berghoff, Augusta	1111 Milner Ave.	Alton
Blaszezak, Genevieve	St. Mary of Nazareth Hospital	Chicago 22
Blessin, Mary M.	Lake Forest Hospital	Lake Forest
Bonn, Mrs. Emma S.	301 N. Wistler	Freeport
#Brechtel, Ida		Lena
Brehman, Ruth L.	Silver Cross Hospital	Joliet
Breitbarth, Mildred	159th St.	Tinley Park
Breitenfeld, Mrs. Mary F.	4837 Addison St.	Chicago 41
Brinkman, Mrs. Joan W.	205 N. Gardner St.	W. Frankfort 3
Brisbane, Margaret A.	1044 N. Francisco Ave .	Chicago 22
Burke, Lt. Ursula M., ANC N-731675		Overseas
#Burress, Mrs. Helena S.		Bowen
Calhoun, Mrs. Gladys M.	6001 S. Green St.	Chicago 21
Cameron, Mrs. Mae B.	Ravenswood Hospital 1917 W. Wilson Ave .	Chicago 40
Carkhuff, Alice M.	522 E. 3rd St.	Dixon
Cassidy, Mary C.	Victory Memorial Hospital	Waukegan
Cohlan, Mrs. Drusilla	Box 67	Henderson
Conn, Faith	Sherman Hospital	Elgin
Cooke, Mrs. Grace R.	10509 S. Trumbull Ave.	Chicago 43
Coupland, Margaret	1014 Hamilton Blvd.	Peoria 5
Crane, Mrs. Katherine	1912 E. Spruce St.	Springfield
Crowley, Lt. Mechtildes C.		Overseas
Crusius, Mrs. Joy M.		El Paso
Daniels, Clorecia	732 Belden Ave.	Chicago 14

DePoy, Mrs. Elma W.	2418 Eastwood Ave.	Chicago 25
Desautels, Gertrude H.	St. Bernard's Hospital 6337 Harvard Ave.	Chicago 21
DeVet, Frieda M.	Oak Park Hospital	Oak Park
Dickison, Hazel M.	2420 N. Kedzie Ave .	Chicago 47
Dion, Mrs. Joan C.	Illinois Central Hospital 5800 Stony Island Ave.	Chicago 37
Dorum, Thelma	St. Joseph's Hospital 2121 Burling St.	Chicago 14
Downham, Sarah Jane	Mother Cabriani Hospital 1200 Cabriani Place	Chicago 7
DuBusker, Mrs. Mary B.	824 W. Aldine Ave.	Chicago 13
Dudley, Mrs. Annie R.	2318 W. Irving Park Road	Chicago 18
Duray, Mary	518 N. Austin Blvd.	Oak Park
Efinger, Mrs. Marguerite	West Washington St., Rt. 2	Waukegan
**Eggleston, Mrs. Burlie P.	40 East Oak St.	Chicago 11
Egleston, Ada M.	925 Montrose Ave.	Chicago 13
Eichelkraut, Lt. Dorothy ANC		Overseas
Ellicson, Mrs. Emalie W.	4926 Crystal St.	Chicago 51
Elliott, Mrs. Berenice I.	2229 Touhy Ave.	Chicago 45
Elvidge, Lt. Marie L. N-731488	Bks. 1043 Station Hospital	Scott Field
Elyea, Marjorie L.	Silver Cross Hospital	Joliet
Esteran, Pauline	449 Winneconna Parkway	Chicago 20
Fee, Mrs. Dorothy B.	7 Wasp Rd.	E. Greenwich, R. I.
Fife, Miss Marie C.	645 S. Central Ave.	Chicago 44
Fischbach, Catherine M.	2400 Belvidere Rd.	Waukegan
Fonda, Mrs. Mary McN.	Michael Reese Hospital	Chicago
Ford, Lauda S.	303 E. Superior St.	Chicago 11
Gallandt, Irene M.	Nurses' Residence, Box 122 427 West Dickens Ave.	Chicago 14
Ganzbuhl, Margaret	St. Anthony dePadua Hospital	Chicago 23
Garrity, Mary	411 W. Dickens St.	Chicago 14
Garvin, Lt. Cecilia T., ANC		Overseas
Girkin, Nettie R.	Michael Reese Hospital	Chicago
Goodman, Mrs. Nellie C.	Decatur & Macon Co. Hosp.	Decatur 10
Graf, Irma Gertrude	7438 Adams St.	Forest Park
Graham, Kathleen T.	1431 N. Claremont Ave.	Chicago 22
Green, Mrs. Almida C.	4456 N. Monticello Ave.	Chicago 25
Haigwood, Hattie B.	U. S. Marine Hospital	Chicago 13
Hamilton, Mrs. Frieda S.	Hotel Carlton 1517 S. Michigan Ave.	Chicago 5
Hanke, Caroline	St. Francis Hospital	Evanston
Hanner, Bonnie N.	518 N. Austin Blvd.	Oak Park
Hansen, Elizabeth T.	939 N. LaSalle St.	Chicago 10
Hanson, Esther R.	St. Mary's Hospital	Galesburg
Hard, Mabel D.	Jackson Park Hospital	Chicago 49
Harris, Bernadette A.	Garfield Park Hospital	Chicago
Harrison, Alice D.	616 N. 12th	Melrose Park
Hellickson, Helga C.	Ravenswood Hospital 1931 Wilson Ave.	Chicago 40
Henry, Mrs. Pauline Teubel	801 Mapleton Ave.	Oak Park
Hickey, Mary C.	South Shore Hospital	Chicago
Hill, Helen L.	Sherman Hospital	Elgin
Hill, Janice Hope	Norwegian American Hospital	Chicago 22
Holladay, Billie Hope	422 Prospect	Alton
Holmes, Edith Helen Contributing member A.A.N.A.	Norwegian American Hospital	Chicago 22
Holwell, Mary M.	6915 S. Winchester St	Chicago 36
House, Gertrude	201 E. Delaware Pl.	Chicago 11
Hoving, Anna S.	112 West 109th St.	Chicago 28

Hunt, Valeda V.	Chicago Lying-In Hospital	Chicago 37
Huntington, Charlotte I.	3925 W. Wellington Ave.	Chicago 18
Hyslop, Mrs. Matilda D.	716 South St. Louis	Chicago 24
Johnson, Sagrid E.	Box 142, 427 W. Dickens Ave.	Chicago 14
Jorgensen, Lillian C.	1051 Madison St.	Oak Park
Kaiser, Mrs. Elizabeth	3420 Van Buren St.	Chicago 24
Kasten, Mary C.	St. Ann's Hospital	Chicago 51
Kastner, Mrs. Mona H.	Memorial Hospital	Springfield
Kelley, Winifred	St. Luke's Hospital	Chicago 5
Kerns, Dorothy E.	West Suburban Hospital	Oak Park
Kibbey, Mary O.	St. Luke's Hospital	Chicago 5
Kiefer, Helen V.	615 Alby St.	Alton
Koonce, Mrs. Norbeth D.	Marshall Browning Hospital	DuQuoin
Kraus, Paula	Loretto Hospital	Chicago 44
Kwit, Evelyn D.	Grant Hospital	Chicago 14
Lackey, Evelyn C.	West Suburban Hospital	Oak Park
Lange, Bernice Elbert	St. Mary's Hospital	Kankakee
Lazarski, Elizabeth A.	1405 W. Rascher Ave.	Chicago 40
Lebkuecher, Ethel M.	Decatur & Macon Co. Hospital	Decatur 10
Lee, Florence L.	St. Joseph's Hospital	Alton
Leidel, Leeta	Wabash Hospital	Decatur
Leketas, Ensign Bernice C.		Great Lakes
Lenihan, Julia	645 S. Central Ave.	Chicago 44
Lenz, Lt. Lois A.	Percy Jones Hospital	Battle Creek, Mich.
Lewis, Hattie M.	1142 W. Lawrence Ave.	Springfield
Lindenmeyer, Dorothy	256 E. Market Square	Lake Forest
Ludwig, Mrs. Ruth A. P.	6 Tuscan Court	Urbana
Lutz, Elizabeth A.	189 Avon Rd.	Elmhurst
Mackin, Margaret	1051 Madison St.	Oak Park
Maguire, Beatrice W.	518 N. Austin Blvd.	Oak Park
Maisnik, Shirley	5001 N. Broadway	Chicago 40
Marsh, Margaret	Sherman Hospital	Elgin
Martin, Alice M.	4608 N. Beacon St.	Chicago 40
McCurdy, Mrs. Myrtle C.	1928 Highland Ave.	Wilmette
McDermott, Esther L.	St. Joseph's Hospital	Chicago 14
McGinley, Edith M.	Ravenswood Hospital 1917 W. Wilson Ave.	Chicago 40
McGraw, Mary R.	1036 N. 22nd St.	Milwaukee, Wis.
McLane, Esther	1323 Websford Ave.	Des Plaines
McManigal, Mrs. Blanch	2358 E. 70th Place, Apt. 406	Chicago 49
Meinhardt, Frances	931 Oakdale Ave.	Chicago 14
Metzke, Angeline	Swedish Covenant Hospital	Chicago
Milkereit, Mrs. Jessie	1101 State St.	Pekin
Millen, Mrs. Corinne C.	824 W. Aldine St.	Chicago 13
Miller, Hazel	1667 N. Richmond St.	Chicago 47
Miller, Ola H.	2926 Lake Park Ave.	Chicago 16
Modoff, Lt. Louise, ANC		Overseas
Moore, Marjorie	1211 N. LaSalle St.	Chicago 10
Mullins, Jane Patricia	St. John's Hospital	Springfield
#Mulvane, Lucile	R.R. No. 4	Robinson
Muneio, Lt. (jg) Betty A.		Overseas
Myers, Hilda	Edgewater Hospital	Chicago 26
Myrseth, Gudrun	Ingalls Memorial Hospital	Harvey
Neeley, 2nd Lt. Dorothy M.	England General Hospital	Atlantic City, N. J.
Newman, Blanche	Illinois Central Hospital	Chicago 37
Newman, Mrs. Elizabeth H.	518 N. Austin Blvd.	Oak Park
Niccoli, Marie	St. Ann's Hospital	Chicago 51
Nichol, Mabel A.	525 W. Arlington Pl.	Chicago 14
Nitzpan, Maria	109 West Oak St.	Chicago 10
Nordwall, Frida M.	5145 N. California Ave.	Chicago
Nugent, Doris Regina	St. Luke's Hospital	Chicago 5
O'Day, Exire	Ravenswood Hospital	Chicago 40

Ohlfest, Helen E.	432 N. Ashland	LaGrange
O'Leary, Helen E.	303 E. Superior St.	Chicago 11
Olson, Anna M.	536 Webster Ave.	Chicago 14
Olson, Edwina H.	St. Margaret's Hospital	Spring Valley
⚑O'Meara, Lt. Marcella C.		Overseas
Panella, Mrs. Catherine	San Nicolas 709	Havana, Cuba
Paquette, Hazel M.	6400 Normal Blvd.	Chicago 21
Patterson, Mrs. Gertrude A.	St. Francis Hospital	Blue Island
⚑Pepper, Lt. Olive McC.		Overseas
Peterson, Bertha J.	West Suburban Hospital	Oak Park
Pfauser, Christine H.	Englewood Hospital 60th & Green Sts.	Chicago 21
Pippereit, Martha A.	Chicago Memorial Hospital	Chicago 16
Poole, Susannah	Alton Memorial Hospital	Alton
Powley, Mary M.	6038 S. Albany Ave.	Chicago 29
Priester, Ann	518 N. Austin Blvd.	Oak Park
Proudfit, Mrs. Harriet O.	Woodstock Hospital	Woodstock
Prykanoski, Mrs. Alma D.	108 Portland Ave.	Belleville
⚑Purcell, Ensign Ethel M.	U. S. Naval Hospital	Treasure Island San Francisco
⚑Puth, Lt. Mary G., ANC		Overseas
Redlak, Marie L.	Ingalls Memorial Hospital	Harvey
Reed, Pearl F.	Decatur & Macon Co. Hospital	Decatur 10
⚑Reidy, Lt. Katherine	Station Hospital	Camp McCoy, Wis.
Reimer, Irma A.	536 Webster Ave.	Chicago 14
Render, Gertrude	Alton Memorial Hospital	Alton
Riegel, Mrs. Bertha W.	302 Union St.	Joliet
Rinella, Edris P.	Illinois Central Hospital	Chicago 37
Robertson, Blanche A.	Deaconess Hospital	Lincoln
Ronn, Anna M.	303 E. Superior St.	Chicago 11
Roth, Jean	Mercy Hospital	Chicago 16
Rothacker, Emily M.	Copley Hospital	Aurora
⚑Rowley, Lt. Winifred A.		Overseas
Ruggles, Esther V.	6644 S. Yale Ave., Apt. G3	Chicago 21
Sanderson, Mrs. Sybil R.	2632 Winona Ave.	Chicago
Sandwick, Arline J.	Victory Memorial Hospital	Waukegan
⚑Scherf, Lt. Emily Ray		Overseas
Schleupner, Mrs. Mary T.	St. Elizabeth's Hospital	Chicago 22
Schobert, Helen R.	5733 N. Francisco Ave.	Chicago 45
Schott, Genevieve M.	St. Elizabeth's Hospital	Chicago 22
Schouweiler Blanche M.	1245 N. LaVergne Ave.	Chicago 51
Schram, Mrs. Opal E.	244 E. Pearson St.	Chicago 11
Schumacher, Mildred A.	Springfield Memorial Hospital	Springfield
Schwager, Mrs. Mary B.	143 S. Ninth Ave.	Maywood
Schwarting, Frieda J.	Michael Reese Hospital	Chicago
Sed, Julia	814 E. Lake Ave.	Ladysmith, Wis.
Self, Mrs. Elizabeth W.	715 Cornelia Ave.	Chicago 13
Shapland, Flora	218 Randolph St.	Peoria 5
Sharp, Mrs. Harriett Hill	195 E. Chestnut St.	Chicago 11
Shepard, Alice R.	Children's Memorial Hospital	Chicago 14
Shepard, Inez E.	3249 S. Oak Park Ave.	Berwyn
Sr. Aletha Krupp	St. Elizabeth's Hospital	Belleville
Sr. Andrea Weisgerber	St. Clara's Hospital	Lincoln
Sr. Baromea Luebbenjans	St. Mary's Hospital	Decatur 1
Sr. Bernadine Shaudis	St. Joseph's Hospital	Highland
Sr. Corene Adams	St. Vincent's Hospital	Taylorville
Sr. Dobromilla Janiszczak	1120 N. Leavitt St.	Chicago 22
Sr. Dolorita Clutter	St. John's Sanitarium	Springfield
Sr. Euphrasia Glandorf	St. Mary's Hospital	Streator
#Sr. Frieda L. Eckoff	RFD No. 3	Nokomis
Sr. Henrita Schweda	St. Francis Hospital	Litchfield
Sr. Hyacinth	St. Vincent's Hospital	Taylorville
Sr. James Calkin, OSF	St. Joseph's Hospital	Highland

Sr. Jean Sudkamp	St. Elizabeth's Hospital	Belleville
Sr. Johanita Toennies	St. Vincent's Hospital	Taylorville
Sr. Jovita Schumann	St. Joseph's Hospital	Joliet
Sr. Kathleen Petrunich	St. John's Hospital	Springfield
Sr. Lamberta Gaida, OSF	St. John's Hospital	Springfield
Sr. Liliosa Meyer	St. Francis Hospital	Litchfield
Sr. Marianna Cassellius	St. Charles Hospital	Aurora
Sr. M. Antonella Rauch	St. Joseph's Hospital	Joliet
#Sr. M. Aquina Leenders	St. James Hospital	Pontiac
Sr. M. Bernadette Frech	St. Joseph's Hospital	Joliet
Sr. M. Bernadette (Paluck)	St. Joseph's Hospital	Breese
Sr. M. Borromea Supplicka	St. Francis Hospital	Peoria 4
Sr. M. Carmella Cahili	St. Francis Hospital	Macomb
Sr. M. Caroline Zirkel	St. Charles Hospital	Aurora
Sr. M. Cleta Mehn	St. Elizabeth's Hospital	Granite City
Sr. M. Colette Morrisey	Little Co. of Mary Hospital	Ev'green Park
Sr. M. Conradine Berwarth	St. Anthony dePadua Hospital	Chicago 23
Sr. M. Cyprian Garczynska	St. Mary of Nazareth Hospital	Chicago 22
Sr. M. Dorothea	St. Anne's Hospital	Chicago 51
Sr. M. Dulcia Liskowiak	4950 West Thomas St.	Chicago 51
Sr. M. Evarista Bulotas	Holy Cross Hospital	Chicago 29
Sr. M. Gordiana Schiffer	St. Mary's Hospital	LaSalle
Sr. M. Heribert Nowak	St. Francis Hospital	Freeport
Sr. M. Hilda Rieder	St. Anthony Hospital	Rockford
Sr. M. Hortense Makstutis	St. Joseph's Hospital	Joliet
Sr. M. Irmengard Cassellius	St. Joseph's Hospital	Joliet
Sr. M. Josephine	St. Mary's Hospital	Kankakee
Sr. M. Kunigunda Flentz	St. Mary's Hospital	LaSalle
Sr. M. Leo Lang	Little Co. of Mary Hospital	Ev'green Park
Sr. M. Liliose	St. Mary's Hospital	Centralia
Sr. M. Lillian D'Autremont	Mercy Hospital	Chicago 16
Sr. M. Louise Odenthal	St. Anthony dePadua Hospital	Chicago 23
Sr. M. Loyola Panter	St. Francis Hospital	Freeport
Sr. M. Mildred Sauer	St. Elizabeth's Hospital	Danville
Sr. M. Oswalda Wiederkehr	St. Joseph Hospital	Elgin
Sr. M. Paschal Beaumier	St. Joseph's Hospital	Belvidere
Sr. M. Prosperia Holtgrave	St. Mary's Hospital	East St. Louis
Sr. M. Raymonda Hoefler	St. Francis Hospital	Peoria
Sr. M. Reginella Grodecka	St. Mary of Nazareth Hospital	Chicago 22
Sr. M. Theresa Ettelbrick	St. Anthony dePadua Hospital	Chicago 23
Sr. M. Viola Kieger	St. Joseph's Hospital	Elgin
Sr. M. Virginia C. Regan	St. Joseph's Hospital	Elgin
Sr. Onesta Halama	St. John's Hospital	Springfield
Sr. Pudencia Gaffron	St. Mary's Hospital	Streator
Sr. Rudolpha	St. John's Hospital	Springfield
Sr. Ruth Wendelgass	St. Theresa Hospital	Waukegan
Sr. St. Bernard	449 Winneconna Parkway	Chicago 20
Sr. St. Margaret Mary	St. Bernard's Hospital	Chicago 21
Sr. Seraphia Vogl	St. John's Hospital	Springfield
Sr. Solana Wissen	St. Elizabeth's Hospital	Belleville
Sr. Virginette	St. John's Hospital	Springfield
Sloan, Orpha B.	511 S. Kitchell Ave.	Olney
Smith, Mrs. Beth	2049 E. 67th	Chicago 15
Smith, Lt. Jeanette S., ANC		Overseas
Smith, Lt. Lucille H.		Overseas
Spitzer, Lt. Ruth L., ANC		Overseas
Staples, Mrs. Marion	536 Webster Ave.	Chicago 14
Steele, Harriett	Columbus Hospital	Chicago 14
Stein, Lt. Lucille E., ANC		Overseas
Stenstrom, Naomi S.	South Shore Hospital	Chicago 17
Stephens, Mrs. Edna M.	351 St. Charles St.	Elgin
Stewart, Mrs. Helen	211 State St., Apt. F.	Peoria 6
Stitzer, Dorothy E.	Lake Forest Hospital	Lake Forest
Stohl, Violet Margaret	3722½A Pine Grove Ave.	Chicago 13

Strauch, Elsie H.	Methodist Hospital	Peoria 5
Suttle, Ethel M.	635 S. Johnson St.	Macomb
Swanson, Edith M.	2636 Winona Ave.	Chicago
Taylor, Mrs. Ella	4155 S. Drexel Ave.	Chicago 15
Taylor, Hazel	1433 N. Claremont Ave.	Chicago 22
Thilk, Frances M.	659 Wrightwood Ave.	Chicago 14
Thom, Capt. Audrey R.		Overseas
Tricka, Mrs. Louise B.	8645 Vernon Ave.	Chicago 19
Wagner, Lt. Erma F.	Station Hospital	Ft. Baker, Cal.
#Webster, Bonnie D.	6736 Dorchester Ave.	Chicago
Welinske, Matilda A.	631 N. Dunton Ave.	Arlington Hts.
West, Norma R.	250 E. Superior St.	Chicago 11
Wheeler, Alice M.	Copley Hospital	Aurora
Whitford, Mrs. M. L.	Alexandria Hotel Rush & Ohio St.	Chicago 11
Willenborg, Anna	St. Francis Hospital	Peoria 4
Willenborg, Myrna	2926 Lake Park Ave.	Chicago 16
Willey, Mary J.	2666 East 77th St.	Chicago 49
Woolsey, Mrs. Ora E.	7121 Stanley Ave.	Berwyn
Wright, Lt. Ruth, ANC		Overseas
Zech, Elizabeth D.	Evanston Hospital	Evanston
Zender, Mrs. Emelia J.	Englewood Hospital	Chicago 21
Zenz, Bernadine M.	Mercy Hospital	Chicago 16
Zwick, A.	Evanston Hospital	Evanston

INDIANA

Anderson, Mrs. Margaret J.	Monroe City Road	Vincennes
Axel, Wilma Jo	540 Tyler St.	Gary
Beddow, Anne M.	Protestant Episcopal Hospital	Evansville
Benefiel, Lt. Jennie P., ANC		Overseas
*Benn, M. Pauline	St. Joseph Hospital	Ft. Wayne 2
Church, Mrs. Margaret P.	1016 Garden St.	Ft. Wayne 2
Dean, Lt. Dorothy Cork	Route No. 1	West Lebanon
Efinger, Irene H.	319 W. Louisiana St.	Evansville
Gemmill, Lillian	Marion General Hospital	Marion
Goodman, Mary Lucile	c/o Elsie Goodman	Columbia City
Hilligass, Mrs. Genevieve	2103 Jackson St.	Anderson
Holt, Nina M.	Ball Memorial Hospital	Muncie
Jacob, Emma M.	420 Perry	Vincennes
Kirschner, Regina H.	144 W. 18th, Apt. 12	Indianapolis
**Lange, Agnes M.	326 Arcadia Court	Ft. Wayne 6
#Myers, Mrs. Fern Like	R.R. No. 2	Wheatland
O'Dowd, Mrs. Ann F.		Monterey
Petrowske, Mrs. Marie	7 Wildwood Road	Hammond
Pohler, Lucile E.	Marion General Hospital	Marion
#Pressler, Mrs. Mildred C.	1047 Northwood Blvd.	Ft. Wayne 3
Prince, Susan C.	Quarters 1012 Billings General Hospital	Ft. Benjamin Harrison
Sabol, Lt. Lillian M.	Station Hospital	Amarillo, Tex.
Veroni, Theresa M.	St. Catherine's Hospital	East Chicago
Vonderau, Anna	2902 Fairfield Ave.	Ft. Wayne 6
Warnock, Inez.	110 N. Cherry St.	Muncie

IOWA

Abraham, Lt. Sylvia C.		Overseas
Anderson, Joy	515 High Ave. E.	Oskaloosa
Barrett, Ella E.	535 W. J St.	Forest City
Barron, Loretta		Alvord
Bleich, Mrs. Frieda M.	314 First, N.W.	Hampton
Brabec, Mrs. Lucy M.	Mercy Hospital	Ft. Dodge
Brandt, Alma M.	Box 67	Marshalltown

**Catterson, Mrs. Lucile T.	515 High Ave. E.	Oskaloosa
Culp, Mary A.	1815 — 6th Ave.	Des Moines
Erickson, Mrs. Helen M.	212-214 Tucker Bldg.	Clinton
Felber, Marie	University Hospital	Iowa City
Herford, Marion M.	St. Joseph Mercy Hospital	Mason City
⚑Holmdal, Lt. Irma J.		Overseas
#Hostert, Mrs. Claud		Cascade
Jacobson, Ruth E.	Jennie Edmundson Memorial Hospital	Council Bluffs
Jansen, Mrs. Eleanor M.	Mercy Hospital	Iowa City
Latchen, Mrs. Elizabeth H.	112½ W. Washington St.	Washington
Neuroth, Bertha	1909 Jackson St.	Sioux City 18
Nichols, Lucile D.		Weldon
Oltman, Pauline		Monticello
Parrish, Mrs. Mae A.	St. Joseph Mercy Hospital	Dubuque
Peterson, Margaret	Allen Memorial Hospital	Waterloo
*Phillips, M. Louise	1338 Main St.	Dubuque
⚑Roberts, Lt. Phyllis A.	Bruns General Hospital	Santa Fe, N.M.
Robinson, Lulu V.	630 N. Court St.	Ottumwa
Sapp, Mrs. Ethel S.	516½ High Ave. E.	Oskaloosa
Schrader, Lola	Burlington Protestant Hosp.	Burlington
Schwarting, Louise E.	Lutheran Hospital	Ft. Dodge
Shamley, Gertrude M.	2016 Iowa St.	Davenport
Sister Margaret Mary Kane	720 S. 17th St.	Ft. Dodge
Sister M. Andriella Mateju	St. Anthony Hospital	Carroll
Sister M. Aurelia	St. Francis Hospital	Burlington
Sister M. Etheldreda Collins	St. Joseph's Mercy Hospital	Ft. Dodge
Sister M. Francella Dunton	610 E. 4th St.	Burlington
Sister M. Laetita Spelman	LeMars Sacred Heart Hosp.	LeMars
Sister M. Pauline Hammes	Mercy Hospital	Des Moines
Sister M. Philomena Head	St. Vincent's Hospital	Sioux City 10
Steele, Mrs. Rhea P.	157 S. Fellows St.	Ottumwa
⚑Strohle, Lt. Mary Craddock	Walter Reed Hospital	Washington, D. C.
Watts, Edith	c/o Mrs. W. I. Watts	Sac City, Iowa

KANSAS

Baker, Viola H.	Wesley Hospital	Wichita
Gerber, Orva		Harper
Gordon, Christine E.	1022 N. Topeka St.	Wichita 5
**Kottal, Elma Libby	St. Francis Hospital	Wichita
Kubin, Mrs. Zella Hammin	505 E. Kansas	McPherson
Lovejoy, Mary	914 Buchanan St.	Topeka
Mikkola, Senja	Wesley Hospital	Wichita 6
Moore, Mrs. Josephine F.	219 S. Kansas	Columbus
Murray, Cora B.	1107-07 Sixth St.	Dodge City
O'Neill, Mrs. Elizabeth B.	P.O. Box 574, 903 3rd Ave.	Dodge City
Paul, Mrs. Ethel S.	544 N. Lorraine	Wichita
Ryan, Mary L.		Spearville
*Sister Ella H. Risser	Bethel Deaconess Hospital	Newton
Sr. M. Geraldine Steinke	St. Rose Hospital	Great Bend
Thompson, Velma V.	S.B.A. Hospital	Topeka
West, Wanda G.	Community Hospital	Beloit
Wieser, Clara	St. Francis Hospital	Wichita

KENTUCKY

Bloom, Estelle	822 Heyburn Blvd.	Louisville 2
⚑Davy, Capt. Mary L.		Overseas
Day, Mrs. Bertha K.		Pikesville
#Glueck, Mrs. Martha J.	4630 Riverview	Louisville 11
Harover, Mrs. Mae W.	480 Riverview Terrace	Maysville
Hicks, Mae	190 N. Upper St.	Lexington 15

Highbaugh, Mrs. Eleanor B.	c/o Dr. W. L. Vickers	Franklin
McCain, Mrs. Amanda L.	c/o Mrs. Lula Wall	Allensville
Reitz, Helen M.	Riverside Hospital	Paducah
Reynolds, Christine	233 Henry Clay Blvd.	Lexington 32
Salt, Susan R.	641 Park Ave.	Newport
Sirkle, Mrs. Lula M.		Weeksbury
Sister Thomas de Sales Bailey	St. Joseph's Hospital	Lexington 13
Smith, Tommie	1110 Francis Bldg.	Louisville 2

LOUISIANA

Bowen, Lt. Mabel	Regional Hospital	Camp Polk, La.
Burke, Rose R.	922 Orange	New Orleans 13
Campeau, Beulah	2832 Bell St.	New Orleans 13
**Cenac, Miss Ione E.	9221 Palm St.	New Orleans 18
Daigle, Mrs. Teresa A. Smith		Sulphur
Desposito, Mrs. Daisy B.	218 N. Salcedo St.	New Orleans 19
Dodd, Mrs. Viola R.	1904 Tulane Ave.	New Orleans
Duarte, Mrs. Antoinette A.	6414 Panola St.	New Orleans 18
†Flynt, Lt. Elizabeth A.		Franklin
Foley, Mrs. Marie B.	3554 Lillian St.	Shreveport 65
Gebs, Lillian	4629 Palmyra St.	New Orleans
#German, Mrs. Rosalie S.	415 Codifer Ave.	Metaria 20
Graham, Mrs. Estelle	Conway Memorial Hospital	Monroe
Graves, Mrs. Katie R.	P. O. Box 1941	Alexandria
Griffin, Mrs. Philomena	Route No. 1, Box 260	Alexandria
Grillet, Agnes	8127 Spruce St.	New Orleans 18
Grillet, Stella	8127 Spruce St.	New Orleans 18
Hanson, Ethel C. (Mrs.)	1702 Jackson St.	Monroe
Harris, Sara E.	Baptist Hospital	Alexandria
Illg, Mrs. Lena P.	907 Cameron St.	Lafayette
Ingersoll, Mrs. Mary E. L.	336 N. St. Patrick St.	New Orleans 19
Kling, Rowene O.	1330 Louisiana Ave.	New Orleans 15
Koenig, Mary E.	Charity Hospital	New Orleans 13
†Lancaster, Lt. Katherine D., ANC	Station Hospital	Camp Livingston
LeBlanc, Bessie	V.W.B. Clinic	Monroe
Lederer, Mrs. Mary McC.	Box 447	Ruston
Marshall, Beulah F.	519 May St.	Jennings
Martinez, Mrs. Guillerma E.	225 Orion Blvd.	New Orleans 20
McElveen, Mrs. Inez C.	1413 Hillary	New Orleans 18
*McMahon, Ellen M.	2220 Constance St.	New Orleans 13
Morse, Mrs. Goldie K.	5534 Prytania St.	New Orleans
Mulroy, Mrs. Era J.	Highland Sanitarium	Shreveport
Nelson, Jessie V.	Baptist Hospital, Box 1872	Alexandria
Nock, Anne E.	Charity Hospital	New Orleans
O'Donnell, Mrs. Lillian	Haynesville Hospital	Haynesville
Phillips, Mattye Sue	1200 Fairfield Ave.	Shreveport
Price, Margaret A.	3518 Piedmont Drive	New Orleans 17
Redding, Ethel Emma	No. Louisiana Sanitarium	Shreveport
Regus, Mary Louise	3020 St. Claude Ave.	New Orleans
Rexer, Kathryn C.	1416 Fifth St.	Alexandria
Robichaux, Mrs. Jeanne	619 Chartres St.	New Orleans 12
Rodrigue, Louise Marie	3020 St. Claude Ave.	New Orleans
Rushing, Mildred P.	Box 12, Route 1	White Castle
Sawyer, Ola E.	Minden Sanitarium	Minden
Scott, Mrs. Jane C.	508 St. Peters St.	New Orleans 16
Seeberg, Mrs. Molly L.	4171 Canal St.	New Orleans 19
Simoneaux, Mrs. Agnes	4417 Cleveland Ave.	New Orleans
Sister M. Paschalisa Cyborowska	Bastrop General Hospital	Bastrop
†Slater, Lt. LaRene P., ANC		Overseas
Smith, Lt. Mary Frances	LaGarde Hospital	New Orleans

Sterbenz, Loretta M.	934 Boulevard	Shreveport
Terry, Rubye E.	1002 Jackson Ave.	New Orleans 13
Theriot, Ella M.	1541 Tulane Ave.	New Orleans 13
Vernado, Iva Jane		Fort Sam Houston, Tex.
Womack, Mrs. John Wesley	1448 Woodrow St.	Shreveport
Word, Mattie T.	1410 St. Andrew St.	New Orleans 13
Ziegler, Mrs. Sara P.	514 Arlington Dr.	New Orleans 20

MAINE

Ambrose, Mary Evelyn	Eastern Maine General Hosp.	Bangor
Decker, Mrs. Ann	119 Pine St.	Portland 4
Greene, Gretchen V.	489 State St.	Bangor
Hill, Nathalie	Central Maine General Hosp.	Lewiston
Joy,Frances L.		West Sullivan
Macauley, Isobel B.	Maine General Hospital	Portland 4
O'Brien, Frances V.	65 Sherman St.	Portland
Roy, Lillian B.	Mercy Hospital	Portland 3
Sister M. Clotilde Hawkes	Mercy Hospital	Portland 3
Torrey, Mrs. M. A.	31 Spruce St.	Ellsworth
Tuttle, Georgia A.	Maine General Hospital	Portland

MARYLAND

Argus, Clara	800 N. Washington St.	Baltimore 5
Bakes, Cordelia B.	Sinai Hospital	Baltimore 5
Berger, Olive L.	Johns Hopkins Hospital	Baltimore 5
Blades, Caroline E.	Peninsula General Hospital	Salisbury
Boman, 1st Lt. Bernice B., ANC		Overseas
Darlington, Lt. Thelma		Overseas
#Delone, Florence A.	1032 Boucher Ave.	Annapolis 5
Derr, Capt. Thelda E.	c/o Mrs. Mary Schreiner 5000 Cordelia Ave.	Baltimore 15
†Dolan, Lt. Helen M., ANC		Overseas
Edwards, Mrs. Henry S.	415 Louisiana Ave.	Cumberland
Elliott, Ruth S.	620 W. Lombard	Baltimore 1
Fox, Carrie Belle	2702 E. West Highway	Chevy Chase
Hammond, Mrs. Alyce P.	P. O. Box 166	Centreville
Kammer, Catherine V.	6515 Frederick Road	Baltimore 78
Kane, Ethel M.	Mercy Hospital	Baltimore 2
Kavanagh, Mary T.	St. Joseph's Hospital	Baltimore 13
Kenny, Lt. Margaret P.	General Hospital	Camp Pickett, Va.
Kneisch, Mrs. Rhoda L.	3931 Ridgewood Ave.	Baltimore 15
Malone, Mrs. Elizabeth Parrish	1206 N. Calvert St.	Baltimore 2
Martin, Mary M.	St. Agnes Hospital	Baltimore 29
†Mathews, Ensign Hazel V.		
McCafferty, Margaret A.	1614 W. Baltimore St.	Baltimore 23
O'Brien, Mary J.	4823 Reisterstown Road	Baltimore 15
O'Mailey, Doris E.	1222 N. Patterson Ave.	Baltimore 13
Owings, Frances V. N.	Johns Hopkins Hospital	Baltimore 5
Russell, Helena V.	101 W. Monument St.	Baltimore
Seniff, Lt. Anna M., ANC 743550	c/o Mrs. L. Seniff, 1036 Mathews Ave.	Utica, N. Y.
Sisco, Kathleen	800 N. Washington St.	Baltimore 5
Sister M. Honoria Mullin	1400 N. Caroline St.	Baltimore 13
Stinchcomb, Mrs. Ethel Mae	3008 Hanlon Ave.	Baltimore 16
Trost, Gladys M.	308 Central Ave.	Cumberland
Trost, Mildred F.	308 Central Ave.	Cumberland
Turtscher, Iva A.	508 N. Broadway	Baltimore 5
Willhide, 1st Lt. Mary C.		Overseas
Zerhusen, Lt. Ann L., ANC		Overseas

MASSACHUSETTS

Armitage, Mrs. Ruth	24Dormien Road	Wellesley Hills
Battin, Lt. Gladys B.		Overseas
Beaudet, 1st Lt. Cecelia A., ANC	Cushing General Hospital	Framingham
#Bishop, Mrs. Jessie M.	44 Barnes Ave.	Worcester 5
Blake, Marguerite E.	House of Mercy Hospital	Pittsfield
Boucher, Olive B.	Webster District Hospital	Webster
Burke, Lt. Margaret H.	33 Pine St.	Whitinsville
Chisholm, Elsie W.	33 Orchard St.	Malden 48
Daignault, Cosette E.	Waltham Hospital	Waltham 54
Eagles, Beatrice C.	741 North St.	Pittsfield
Garrity, Mary E.	25Cross St.	Uxbridge
Gerrard, Gertrude M.	Peter Bent Brigham Hospital	Boston 15
Hadley, Mrs. Marjorie A.	82 Hall St.	North Adams
Hayes, Mary M.	31 S. Russell St.	Boston 14
Heikle, Lt. Anne V., ANC		Overseas
Hill, Marvella	12 Hancock St.	Boston 14
#Johnson, Mrs. Margaret L.	1704 N.W. 17th St. (Temp.)	Oklahoma City, Okla.
Kaufholz, Mrs. Mary R.	Berkshire School	Sheffield
Kelly, Ida B.	316 Beal St.	Wollaston 70
Kent, Madeline	14 Pierrepont Road	Newton Lower Falls
Kilbourne, Lt. Christine H., AVS		Overseas
Knott, Lt. Myrtle O., ANC		Overseas
Lank, Betty E.	300 Longwood Ave.	Boston 15
LeMaitre, Estelle C.	16 Anderson St.	Boston 14
Leslie, Ethel L.	2 Auburn St.	Brookline 46
**MacArthur, Mrs. Eva	80 Glen Road	Brookline 46
*MacRae, Elizabeth F.	721 Huntington Ave.	Boston 15
Martin, Lucy P.	45 Moore	Quincy 69
Metzler, Sara A.	Massachusetts Gen'l Hospital	Boston 14
#Michaud, Mrs. Jean A.	177 Ocean Ave.	Salem
†Miller, Lt. Luella J.	415 County St.	New Bedford
Mosher, Lt. Faye R., ANC, N-752,372	Station Hospital	Camp Fannin, Tex.
Moynihan, Gertrude M.	31 S. Russell St.	Boston 14
Nugent, Marie	St. Vincent's Hospital	Worcester 5
Pedersen, Carin Helena	Lynn Hospital	Lynn
Ramsey, Gladys E.	7 High St.	Whitinsville
#Richardson, Mrs. Ruth A.	170 Grove St.	Melrose 76
Ritchie, Shina F.	39 Moody St.	Chestnut Hills 67
# Roche, Mrs. Dorothy C.	Main St.	Lenox
Sbarra, Rose B.	Salem Hospital	Salem
Scanlon, Mrs. Anna	48 Banks St.	Brockton 18
Scanlon, Mary B.	37 Burncoat Terrace	Worcester 5
Senechal, Mrs. Virginia	10 Bennett St.	Beverly
Sr. M. Agnes	73 Vernon St.	Worcester 4
Sr. M. Angeline	233 Carew St.	Springfield
Sr. M. Ann	Providence Hospital	Holyoke
Sr. M. Armand	St. Luke's Hospital	Pittsfield
Sr. M. Benedicta	St. Vincent Hospital	Worcester 4
Sr. M. Bernardina	Mercy Hospital	Springfield 4
Sr. M. Camilla	Mercy Hospital	Springfield 4
Sr. M. Felicitas	Farren Memorial Hospital	Montague City
Sr. M. Ignatius	Providence Hospital	Holyoke
Sr. M. Incarnatus	St. Luke's Hospital	Pittsfield
Sr. M. Laurentine	Mercy Hospital	Springfield 4
Sr. M. Lawrence Justinian	Providence Hospital	Holyoke
Sr. M. Leocadia	Mercy Hospital	Springfield

Sr. Mary of the Incarnation	St. Vincent Hospital	Worcester 4
Sr. Mary of Victory	Providence Hospital	Holyoke
Sr. M. Philip Benizi	St. Luke's Hospital	Pittsfield
Sr. M. Theresa of Holy Child	Mercy Hospital	Springfield 4
†Smith, Lt. Marion H., ANC N-742,210		Overseas
Spaulding, Mrs. Elizabeth	23 Intervale Road	Needham 92
Stephenson, Mrs. Esther Myers	7 Wolcott Road	Winchester
Teitsch, Christine F.	North Adams Hospital	North Adams
Tully, Ann C.	St. Luke's Hospital	Pittsfield
Weick, Anna M., Sr. Ass't N. Officer (R)	U. S. Public Health Service U. S. Marine Hospital	Memphis 5, Tenn.
Whitney, Velma J.	Peter Bent Brigham Hospital	Boston 15
Wilson, Mrs. Jeanie L.	106 Fordham Road	West Newton 65
Zukas, Lt. Adele M., ANC		Overseas

MICHIGAN

All. Lt. (jg) Hazel, NC, USNR	U. S. Naval Hospital	Pensacola, Fla.
Allison, Clara E.	78 Chestnut St.	Battle Creek
Anderson, Elvy E.	University Hospital	Ann Arbor
Anderson, Isabelle	185 Highland Ave.	Detroit
#Anderson, Mrs. Marion S.	139 Chandler St., Highland Pk.	Detroit 3
Anderson, Mary E.	St. Mary's Hospital	Detroit 26
Aubrey, Anne E.	741 W. Euclid	Detroit 2
Aust, Lucille J.	1003 Rademacher	Detroit 9
Baird, Lillian G.	University Hospital	Ann Arbor
Barhite, Lt. Opal R.		Overseas
Bednarik, Lt. Helen		Overseas
Bell, Ensign Doris E., NNC	Naval Dispensary	Gulfport, Miss.
Blakley, Sarah I.	Clinton Memorial Hospital	St. Johns
Bock, Dorothy B.	831 West Six Mile Road	Detroit 3
Bogusz, Mrs. Barbara S.	Eloise Hospital	Eloise
Bomholt, Lenore	19338 Braile	Detroit 19
Bond, Lula G.	U. S. Marine Hospital	Detroit 15
Borden, Mollie	2081 W. Euclid	Detroit 6
Boyer, Dorothy R.	76 Newberry St.	Pontiac 18
Briggs, Mrs. Betty A. H.	1527 S. Warren	Saginaw
#Brown, Zoe Barbara	435 Wildwood Ave	Jackson
Buford, Mrs. Evelyn Y.	22915 Beach St.	Dearborn
Cahaney, Mrs. Michaeline F.	12080 St. Aubin St.	Detroit 12
Canty, Ensign Mary E.	21 Goddard St.	Webster, Mass.
Capano, Mrs. Jean A.	16234 Cruse Ave.	Detroit 27
Caputa, Charlotte	6841 St. Johns	Detroit 10
Chadwick, Elizabeth Jean	550 Cheshire Drive, N.E.	Grand Rapids 5
Coles, Margaret M.	12747 Wade Ave.	Detroit 13
Cook, Grace M.	1210 Forest Ave.	Jackson
Cook, Mrs. Hilda	3429 McKinley	West Dearborn
Corbett, Lenora	23145 Oakwood Ave .	East Detroit
Costley, E. Christine	604 Ridge Road, S.E.	Washington 19, D. C.
Cote, Angela B.	1298 Fourth St.	Muskegon
Courtney, Mabel E.	235 E. Alexanderine St.	Detroit 1
Crawford, Lt. Aletha M. ANC	Station Hospital, U.S.M.A.	West Point, N. Y.
Crevier, Lucille A.	St. Joseph's Hospital	Mt. Clemens
Crosby, Alice C.	633 N. East St.	Jackson
Dati, Ensign Geneva G.	USNR Naval Hospital	Great Lakes, Ill.
Davich, Helen A. M.	1121 Burr St.	Jackson

Dedenback, Mrs. Kathleen	2170 E. Jefferson Ave., Apt 812	Detroit 7
Deeks, Dorothy	3740 John R St.	Detroit 1
Deller, Patricia A.	52 Murphy Ave.	Pontiac 18
Derks, Elizabeth	1001 Begole	Flint
Doolin, Mrs. Florence M.	1021 LaSalle	Pontiac
Dudewicz, Helen	2903 S. Jefferson Ave.	Saginaw
Dunston, Mrs. Ruth O.	2331 Van Alstyne Blvd.	Wyandotte
Eastby, Mrs. Ada B.	1225 Lake Drive, S.E.	Grand Rapids
Eckhart, Carmen A.	3005 W. Chicago Blvd.	Detroit 6
Esper, Agnes	3740 John R St.	Detroit
Estry, Pvt. Mabel Myers	c/o Dr. G. E. Myers	Shawnee, Ohio
Fair, Helen M.	712 W. King St.	Owosso
Fanning, Frances E.	Univ. of Michigan Hospital	Ann Arbor
Finch, Mary Elizabeth	7550 Hanover, Apt. 214	Detroit 6
Fleming, Bridget A.	216 Graham St.	Saginaw
Fletcher, Mary J.	8100 E. Jefferson	Detroit 14
Foster, Anne B.	Harper Hospital	Detroit 1
French, Mrs. Bessie M.	1745 Brookside Drive	Flint
Friedrich, Catherine T.	7579 Robinwood Ave., E.	Detroit 12
Galbraith, Maude	212 Antisdel Place, N.E.	Grand Rapids
Gardner, Lt. Martha E.		Overseas
Gariepy, Mrs. Mary C.	835 Longfellow	Detroit 2
Gaymer, Lt.(jg) Dorothy O.	U. S. Naval Hospital	Long Beach 4, Calif.
Glaze, Clora L.	Univ. of Michigan Hospital	Ann Arbor
Goense, Joan	460 Eleanor St., N.E.	Grand Rapids 5
Golnick, Meta	Hurley Hospital	Flint 2
Goode, Margaret T.	Herman Kiefer Hospital	Detroit 2
Graham, Mary A.	Harper Hospital	Detroit 1
Grebstad, Borghild	Providence Hospital	Detroit 8
Gribble, Mrs. Lenore E.	2234 Longfellow Ave.	Detroit 6
Hain, Alice L.	3245 E. Jefferson Ave.	Detroit 7
Hamilton, Mary Virginia	University Hospital	Ann Arbor
Hamilton, Mrs. Arloine K.	2535 W. Grand Blvd.	Detroit 8
Harkness, Beth	7750 Hanover, Apt. 214	Detroit 6
Hartley, Ora M.	Beyer Memorial Hospital	Ypsilanti
Hazzard, Mrs. Mary	212 W. Maple St.	Fremont
Heaston, Mary E.	Hurley Hospital	Flint 2
Heideman, Ruth A.	Woman's Hospital	Detroit 1
Hendricks, Esther M.	Harper Hospital	Detroit 1
Hill, Maude	203 E. Franklin St.	Houghton
Hopkins, Mrs. Ida M.	8321 Grand River Ave.	Detroit 4
Howard, Mrs. Florence C.	Woman's Hospital	Detroit 1
Huebner, Emma M.	519 N. Magnetic	Marquette
Huffman, Annie	7125 W. Jefferson Ave.	Detroit 17
Ilgenfritz, E. Louise	1340 E. Grand Blvd.	Detroit 11
Jackson, Mrs. Nelle B.	833 Nottingham Road	Grosse Pointe
Jacoban, Mrs. Hedwig	Florence Crittendon Hospital	Detroit
Jerow, Irene H.	137 W. Gogebic St.	Ironwood
Kemoton, Christine B.	7470 Byron Ave.	Detroit 2
Killingworth, Aleise	Harper Hospital No. 4	Detroit 1
Kinloch, Dorothy C.	Receiving Hospital	Detroit 26
Klein, Grace	Little Traverse Hospital	Petoskey
Knauff, Edith D.	71 W. Willis	Detroit
Koontz, Geneva C.	Hurley Hospital	Flint 2
Krewson, Josephine E.	1585 Sixth St.	Muskegon
Lane, Maude	W. A. Foote Memorial Hosp.	Jackson
Lenze, Lt. Gladys L., ANC	Percy Jones General Hospital	Battle Creek
Leuzinger, Mrs. Dorothy	160 Glendale Ave.	Highland Park
Long, Florence H.	General Hospital	Bay City
Longley, Ella K.	Paulina Sterns Hospital	Ludington
Madigan, Josephine	12094 Findlay St.	Detroit 5
Marion, Marion M.	Providence Hospital	Detroit 8

Martin, Mrs. Mary S.	218 Ferris St.	Ypsilanti
Martinsen, Mabel M.	1203 Union Industrial Bk. Bldg.	Flint 3
Mason, Esther R.	Blodgett Memorial Hospital	Grand Rapids 3
Masselink, Mrs. Lucy C.	Box 54	McBain
Matthews, Edith Lourine	Little Traverse Hospital	Petoskey
McClintock, Mary E.	Woman's Hospital	Detroit 1
McCormick, Lt. Viola M.		Overseas
McFate, Mrs. Helena N.	445 E. Shadbolt St.	Lake Orion
McGaffey, Phyllis M.	2036 Columbia Road	Berkley
McGarrey, Mary E.	Mercy Hospital	Bay City
McInnis, Mrs. Emma G.	5219 Lemay	Detroit 13
McKnight, Mary T.	Saginaw General Hospital	Saginaw
Meil, Esther J.	8231 Merrill	Detroit 2
Miller, Doratha E.	R.F.D. No. 3	Hudson
Minock, Lillian E.	2932 Dan Ave., Hamtramck	Detroit 12
Moir, Ethel M.	847 Lothrop Ave.	Detroit 2
Moran, Ann V.	502 Lincoln Road	Grosse Pointe 30
*Myers, Mrs. Gertrude	15495 Manor Ave.	Detroit 21
Neff, Bernadine E.	Box 161	Newberry
Noon, Regina M.	1715 S. Saginaw	Lansing
Obenhoff, Lt. E. Cecelia		Overseas
Olzem, Catherine H.	12101 Laing	Detroit 24
Palmer, Mrs. Anna M.	18445 Lancashire Road	Detroit 23
Pappalardo, Fannie J.	Mercy Hospital	Benton Harbor
Pearce, Mrs. Leona H.	18485 Prevost	Detroit 19
Peebles, Mrs. Dorothy L.	426 S. Church St.	Hudson
Peffers, Irene	Harper Hospital	Detroit 1
Perry, Irene M.	Leila Y. Post Montgomery Hos.	Battle Creek
Perry, Mae A.		Metamora
Phillips, Theresa J.	8317 Marion St.	Detroit
Poppen, Irma H.	2445 Helen Ave.	Detroit 14
Proulx, Mrs. Pauline	1517 Emily St.	Saginaw 21
Quinby, Patricia Jane	454 W. Alexanderine	Detroit 1
Reed, Ensign Edna C.	Naval Hospital	Portsmouth, Va.
Reglien, Mrs. Hazel F. Pugh	Butterworth Hospital	Grand Rapids
Reynolds, Marjorie R.	2036 Columbia Rd.	Berkley
Rice, Jessie L.	Genesee Manor	Saginaw
Richardson, Fleda M.	Midland Hospital	Midland
Ripley, Ann V.	76 Newberry St.	Pontiac 18
Sahl, Margaret	725 Fountain St.	Grand Rapids
Sams, Goldie	93 E. Alexanderine St.	Detroit 1
Sattler, Mrs. Clara M.	c/o F. J. Sattler, Box A	Kalamazoo
Schoonbeck, Mrs. Bertha S.	11 North St., Willow Court	Ypsilanti
Schwartz, Mrs. Hedwig	6009 Lakeview	Detroit 13
Severson, Stena	Harper Hospital	Detroit 1
Sheehan, Elizabeth	1050 Hibbard Ave.	Detroit 4
Sheehan, Kay	2655 Taylor Ave.	Detroit 6
Shook, Mrs. Shirley E.	700 Empire Ave.	Benton Harbor
Sr. Eulalia McGivern	Mt. Carmel Mercy Hospital	Detroit 21
Sr. Helen Marie Hughes	Mt. Carmel Mercy Hospital	Detroit 21
Sr. M. Alacoque Schmidt	St. Joseph's Hospital	Menominee
Sr. M. Alfreda Venner	Mercy Hospital	Manistee
Sr. M. Assumpta Carr	St. Joseph Mercy Hospital	Detroit
Sr. M. Borgia Whelan	St. Joseph Hospital	Mt. Clemens
Sr. M. Constance Steffes	Burgess Hospital	Kalamazoo
Sr. M. Delphine Schwindle	St. Mary's Hospital	Grand Rapids
Sr. M. Gisela Leimbach	St. Francis Hospital	Escanaba
Sr. M. Henrietta	St. Mary's Hospital	Marquette
Sr. M. LaSalette Ruddy	Mt. Carmel Mercy Hospital	Detroit 21
Sr. M. Madaline	St. Mary's Hospital	Grand Rapids
Sr. M. Stella Kearney	St. Mary's Hospital	Grand Rapids
Sr. M. Sylvester Duffy	St. Joseph's Hospital	Mt. Clemens
Smith, Mary B.	Receiving Hospital	Detroit 26

Snider, Ada	Grace Hospital	Detroit
Stipe, Lt. Pattie M., ANC	AAF Regional Station Hospital Truax Field	Madison 7, Wisc.
Stoddard, Lillian	Wyandotte General Hospital	Wyandotte
Strawn, Jeanne M.	337 Judson St.	Pontiac 20
Sullivan, Lt. Mary A., ANC		Overseas
Szigethy, Irene H.	Beyer Memorial Hospital	Ypsilanti
Tamm, Helene	44922 W. Grand River	Novi
Thomas, Lt. Nathalie	AFF Station Hospital	Romulus
Ting, Mrs. Ging Kang	1442 Washington Heights	Ann Arbor
Tucker, Helen F.	General Hospital	Highland Park
Turnbull, Mrs. Laura C.	2322 Third St.	Wyandotte
Turner, Mrs. Mary H.	1938 Collingwood St.	Detroit 6
Veilleux, Martha M.	Pontiac General Hospital	Pontiac
Walker, Lt. Virginia Smith	1702 Roseland Ave.	Royal Oak
Walsh, Rita	St. Mary's Hospital	Detroit
Warren, Frances Gene		Bancroft
Waters, Mrs. Mildred B.	2440 Grand Ave.	Detroit 6
Watson, Ethel M.	369 Glendale	Highland Park 3
Watt, Faith R.	Providence Hospital	Detroit 8
Weigand, Marion L.	1025 Randolph St.	Traverse City
Wessinger, Ione	2800 W. Grand Blvd.	Detroit 2
Wiechowski, Mrs. Theresa	5145 Harold St.	Detroit 12
Wiley, Doris I.	14912 Promenade	Detroit 5
Wilkinson, Vera S.	3270 Sophia St.	Wayne
Williams, Lt. Carolyn C.	Percy Jones Hospital	Battle Creek
Williams, Lt.(jg) Ernestine	U. S. Naval Hospital McIntire Unit	Great Lakes, Ill.
Williams, Mrs. Sina H.	Mt. Carmel Mercy Hospital	Detroit 21
Wineland, Neva	3304 Burlingame	Detroit 2
Zolman, Mrs. Alice V.	Route No. 2	Pontiac 2

MINNESOTA

Anderson, Palma	Lutheran Deaconess Hospital	Minneapolis 4
Baer, Maple A.	St. John's Hospital	St. Paul 6
Bahls, Mrs. Jonetta A.	309 S. Exchange St.	St. Paul 2
Becker, Frieda	Ashton Memorial Hospital	Pipestone
*Bergman, Ruth E.	Northwestern Hospital	Minneapolis 7
Bleedorn, Agnes	6825 16th Ave., S.	Minneapolis 9
Boswinkel, Lt. Genevieve L.		Overseas
†Botsford, Ens. Marie D.	U. S. Naval Hospital	Oakland, Cal. 14
Boyer, Alpha J.	St. Barnabas Hospital	Minneapolis 4
Brown, Mrs. Harriett O.		Des Moines, Ia.
Burns, Mrs. Gertrude	1903 S. Ferry St.	Anoka
#Cameron, Catherine		Aitkin
Childers, Mrs. Kathryn M.	St. Mary's Hospital	Duluth 5
Cleary, Kathleen M.	St. Luke's Hospital	St. Paul 2
Crotty, Rosella	St. Mary's Hospital	Duluth
Danielson, Gerda M.	423 Webster Street	Fairmont
Day, Miss Dorothy L.	St. Barnabas Hospital	Minneapolis 4
Duncan, Mrs. Ruth A.	St. Olaf Hospital	Austin
Eyk, Helen E.	Montevideo Hospital	Montevideo
Festler, Evelyn E.	Winona General Hospital	Winona
Filla, Julia	Samaritan Hotel	Rochester
Fuller, Capt. June I.	Station Hospital 300 Highway 40	Fort Riley, Kan.
Gano, Mrs. Sophia Mattson	Northwestern Hospital	Minneapolis 7
Ginther, Winifred	2725 17th Ave. S.	Minneapolis 7
#Grady, Mrs. Margaret E.	1208 N. Seventh Ave., E.	Duluth 5
Gregoire, Antoinette B.	St. Andrews Hospital	Minneapolis 14
Green, Mrs. Carol N.	Midway Hospital	St. Paul 4
Gronvold, J. Marie	St. Joseph's Hospital	St. Paul 2
Grosnik, Ensign Olga V.		Overseas

Guderian, Rowena M.	Midway Hospital	St. Paul 4
Gutman, Margaret	General Hospital	Hibbing
⚑Halvorson, Lt. Gladys M.	P. O. Box 215	Cokato
Hamre, Anne	Municipal Hospital	Virginia
Hanson, Eloise Helen	Hibbing General Hospital	Hibbing
Hutcheon, Mary E.	Winona General Hospital	Winona
Janovich, Mary C.	Miller Hospital	St. Paul 2
Johannes, Eleanor E.	St. Joseph's Hospital	Mankato
Johnson, Mrs. June E.	142 15th Ave., N.E.	No. St. Paul 9
Jons, Elizabeth S.	Swedish Hospital	Minneapolis 4
Jurgensen, Katharine D.	Swedish Hospital	Minneapolis 4
Kalberg, Mrs. Clarice O.	4227 Nicollet Ave.	Minneapolis 9
Kalstrom, Clarice S.		Milan
Kiely, Ruth G.	St. Barnabas Hospital	Minneapolis 4
Kippen, Janet	Asbury Hospital	Minneapolis
Lee, Agnes J.	Virginia Municipal Hospital	Virginia
Lonergan, Ellen M.	1840 Palace	St. Paul 5
Lotspeich, Claudia	120 Summit St.	St. Paul 2
Lundgaard, Mrs. Martha B.	4200 13th Ave., S.	Minneapolis 7
Lundquist, June	Fairview Hospital	Minneapolis
Matthews, Mildred M.	Abbott Hospital	Minneapolis 4
McLaughlin, Margaret L.	St. Luke's Hospital	Duluth 5
McQuillen, Florence	219 Sixth Ave., S.W.	Rochester
Mechler, Mary	2619 18th Ave., S.	Minneapolis 7
Mirick, Grace	St. Barnabas Hospital	Minneapolis 4
Molloy, Catherine K.	Seabury Campus	Faribault
Moseley, Mrs. Ruby	829 East Third St.	St. Paul 6
Nelson, Edith P.	Miller Hospital	St. Paul
Nichols, Christine	Swedish Hospital	Minneapolis 4
O'Mahoney, Katherine	P. O. Box 106 1409 First St., S.W.	Rochester
Ormseth, Palma M.	1002 13th Ave., S.E.	Minneapolis
⚑Pearson, Ensign Aldo	U. S. Naval Hospital	Farragut, Idaho
⚑Perkins, Capt. Florence E.		Overseas
Petersen, Anna C.	Swedish Hospital	Minneapolis 4
Peterson, Hazel J.	Deaconess Hospital	Minneapolis 4
#Porter, Gertrude H.	St. Luke's Hospital	St. Paul 2
Riek, Uldene	Abbott Hospital	Minneapolis
Riessen, Mrs. Anna	Northwestern Hospital	Minneapolis
Risse, Mrs. Mayme J.	St. Luke's Hospital	Fergus Falls
Rodenberg, Mrs. Esther	Gillette Hospital	St. Paul
Rosengren, Myrtle E.	Swedish Hospital	Minneapolis 4
Salmen, Mrs. Clara	2155 Dayton Ave.	St. Paul 4
⚑Sandberg, Lt. Elvy	3034 35th Ave., S.	Minneapolis
Sauer, Olga E.	Union Hospital	New Ulm
Schmidt, Bernice C.	Swedish Hospital	Minneapolis 4
⚑Scott, Lt. (jg) Margaret E.	U. S. Naval Hospital	Seattle, Wash.
Sedmihradsky, Lillian	Asbury Hospital	Minneapolis 4
Sr. Caroline Pepemeier	St. Lucas Deaconess Hospital	Faribault
Sr. Jane Marie Warnecke	St. Mary's Hospital	Minneapolis 6
Sr. M. Agatha Gerber	St. Elizabeth Hospital	Wabasha
Sr. M. Clarentia Kroll	St. Ansgar's Hospital	Moorhead
Sr. M. deSales	Our Lady Mercy Hospital	Alexandria
Sr. Mary Emmanuel	St. Gabriel's Hospital	Little Falls
Sr. Mary Leonissa	St. Mary's Hospital	Minneapolis
Sr. Mary Thecla Kimlinger	St. Francis Hospital	Breckenridge
Sr. Mary Xavier Reeves	St. Vincent's Hospital	Crookston
Sr. St. Elizabeth Heyn	St. Mary's Hospital	Minneapolis 6
Sr. St. Ignatius	St. Joseph Hospital	St. Paul 2
Sr. Theolinda Gottwald	St. Cloud Hospital	St. Cloud
Snobeck, Mrs. Selma M.	1412 East 24th St.	Minneapolis 4
Soeffker, Ruby M.	Eitel Hospital	Minneapolis
Spang, Mrs. Mary Filter	1703 East 3rd St.	Duluth
Stahr, Mrs. Rosalie D.	5317 Xerxes Ave., S.	Minneapolis

Striemer, Elaine C.	Miller Hospital	St. Paul
Swanson, Ruth M.	Midway Hospital	St. Paul 4
Thoraldson, Mrs. Leah W.	2603 Elliot Ave.	Minneapolis 7
Toenberg, Lt. (jg) Ruth	U. S. Naval Hospital	Seattle, Wash.
Toomey, Lt. (jg) Martha M. USNR	U. S. Naval Hospital	St. Albans, N. Y. 12
Tormoen, Mrs. Helen B.	Miller Hosp. Nurses' Home	St. Paul 2
Tornquist, Helen F.	University of Minnesota	Minneapolis 14
Uden, Lt. Anna M., ANC	Charleston Army Field	Charleston, S. Car.
#VanDam, Esther	1551 Medical Arts Bldg.	Minneapolis 4
Vig, Gusta	Fairview Hospital	Minneapolis 6
Wass, Agnes A.	Rice Memorial Hospital	Wilmar
Willcutt, Ethel M.	916 East 15th St.	Minneapolis 4
**Winquist, June C.	829 8th St., S., Apt 15	Minneapolis 4

MISSISSIPPI

Allen, Evelyn Kathalene	c/o Dr. Thomas H. H. Blake 507 Standard Life Bldg.	Jackson
Corn, Mrs. Minnie L. M.	1318 East 55th St.	Savannah, Ga.
Easterling, Emma	Vicksburg Hospital	Vicksburg
Gerhardt, Ada Elnora	500 Orlando	Greenville
Hatchett, Mrs. Harriet S.	304 Fourth Ave., S.	Columbus
McBrayer, Mrs. Ruby Lee	Louisville Hospital	Louisville
McCully, Lt. Callie M.	Regional Hospital	Camp Barkeley, Tex.
Sanford, Janie Lee	South Mississippi Infirmary	Hattiesburg
Walker, Mrs. Gracie P.	713 Percy St.	Greenville
Windle, Catherine Jane	Gamble Bros. & Archer Clinic Medical Arts Bldg.	Greenville

MISSOURI

Abington, Mildred G.	Boone County Hospital	Columbia
Albright, Alta M.	1515 Lafayette Ave.	St. Louis
Bohn, Mrs. Doris M.	7067 Forsythe Blvd.	St. Louis 5
Brake, M. Eunice	823 S. Weaver St.	Springfield
**Brandle, Elaine V.	Missouri Baptist Hospital	St. Louis 8
Brock, Mrs. Mary Gough	802 Highland	Lexington
Brown, Marie A.	Barnes Hospital	St. Louis 10
Buenger, Viola M.	1177 Tompkin St.	St. Charles
Caldwell, Mrs. Leola J.	4235 S. Kennerly Ave., E.	St. Louis 13
*Cox, Anna	4405 W. Pine Blvd.	St. Louis 8
Crocker, Mrs. Janie	9107 Meadowbrook	Overland
Daniel, Mary Butler	St. Luke's Hospital	St. Louis 12
Doyle, Mrs. Margaret S.	1011½ Ridenbought St.	St. Joseph 16
Eberhardt, Dean	416 S. Kingshighway	St. Louis 10
Fernandes, Mrs. Jean G.	Route No. 1	Newport, N. Car.
Gay, Reva	5512 Delmar	St. Louis 12
Gettinger, Anna L.	Koch Hospital	Koch
Glenn, Mrs. Tommie P.	6129 Hoffman	St. Louis 9
Gronewald, Alice H.	416 S. Kingshighway	St. Louis 10
Hamilton, Lt. Mary Regina		Overseas
Hamner, Mrs. W. J.	1310 Admiral Blvd.	Kansas City 6
†Hansborough, Maj. Eliz.	Walter Reed Hospital	Washington, D. C.
Hartmeister, Meta M.	2319 S. Compton	St. Louis 4
Held, Lt. Alvena M., ANC	Regional Hospital	Camp Shelby, Miss.
Hodges, Mildred	Missouri Baptist Hospital	St. Louis 8
Huff, Mrs. Verda K.	3211 Central St.	Kansas City 2
Kraenzel, Lt. Erna, ANC		Overseas
Lamb, Helen	Barnes Hospital	St. Louis 10

Lawrence, Mrs. Stella	928 Spruce St.	Pueblo, Colo.
Lenwell, Ruby		Pierceton, Ind.
Lindsey, Jessie	4504 Laclede	St. Louis 8
Long, Mrs. Irene B.	1515 Lafayette	St. Louis
†Macaratis, Lt. Frances L., ANC N-767-705	Newton D. Baker Memorial Hospital	Martinsburg, W. Va.
Marcum, Edith	Jewish Hospital	St. Louis 10
McGuire, Mary R.	Missouri Baptist Hospital	St. Louis 8
Mittendorf, Mrs. Leota S.	514 N. Eight	St. Joseph 11
Nelson, Lucille C.	710 S. 16th St.	St. Joseph 36
Nettleblade, Augusta B.	5516 Cates Ave.	St. Louis 12
Newman, Mrs. Beatrice M.	5 Lindworth Lane	St. Louis 17
Olmsted, Verna	416 S. Kingshighway	St. Louis 10
Pettit, Lt. Alice Hazel		Overseas
Roadman, Lt. Bernice, ANC		Overseas
Schelben, Mrs. Grace S.	St. Mary's Hospital	Jefferson City
Scherer, Pearl	Deaconess Hospital	St. Louis 10
Schneider, Anne M.	566 Clay St.	St. Charles
Sieg, Hattie C.	DePaul Hospital	St. Louis 13
Sr. Adolpha Ray	St. Francis Hospital	Washington
Sr. M. Beatrice Wilcox	St. Rose Sanitorium	St. Louis 17
Sr. M. Canisius Fahey	St. John's Hospital	St. Louis 10
Sr. M. Cyrilla Wellman	St. Joseph Hospital	Booneville
Sr. M. Ursula Dixon, OSF	St. Elizabeth Hospital	Hannibal
Sr. Materna Boronowski	St. Francis Hospital	Washington
Sr. Theresa Kettelhut	Deaconess Hospital	St. Louis 10
Slasor, Zelle	1400 Professional Bldg.	Kansas City 6
#Slay, Mrs. Edward B.	Box 366	Jefferson City
Spleth, Frieda W.	4475 W. Pine Blvd.	St. Louis 8
Starchevich, Jenny A.	4497 Pershing	St. Louis
Thorpe, Ferne D.	St. Luke's Hospital	St. Louis
Thirthart, Mrs. John	7533 Buckingham Drive	Clayton
Timmerman, Mrs. Margaret		
VanAlst, Mrs. Doris M.	5455 Delmar Blvd.	St. Louis 12
Zumwalt, Mrs. Wilma A.	15 W. Broadway	Columbia

MONTANA

Anderson, Mrs. Kathryn M.	320 S. Wilson	Bozeman
Ballenger, Florence M.	2313 4th Ave., N.	Great Falls
Bruschella, Rose J.	1808 Eighth Ave.	Great Falls
Diefenbaugh, Lola M.	Kennedy Deaconess Hospital	Havre
Dunkle, Mrs. Jessie M.	1817 Third St., W.	Billings
Farnham, Mrs. Margaret M.	116 Wyoming Ave.	Billings
Gallup, Sadie M.	Apt. 626, Phoenix Bldg.	Butte
Graybeal, Ella S.		Belt
Haver, Nora B.	AUS SCU 1975 Hammond General Hospital	Modesto, Calif.
Horan, Mary W.	Eden Route	Great Falls
Imes, Mrs. Grace S.	946 N. 28th St.	Billings
Klindt, Mrs. Alice Sheets	912 N. 24th St.	Billings
Leonard, Maxine M.	Deaconess Hospital	Great Falls
Monson, 2nd Lt. Kathryn R.	1590 Broadway, Dante Annex, Letterman Gen'l Hospital	San Francisco 9, Calif.
Mulloy, Eileene L.	Northern Pacific Hospital	Missoula
Nelson, Helen D.	Thornton Hospital	Missoula
O'Donnell, Mrs. Harriet A.	323 N. Montana	Butte
Reed, 2nd Lt. Loree J.	Box 230, Birmingham Gen'l Hosp.	Van Nuys, Calif.
†Scott, Lt. Dorothy T., ANC		Overseas
#Seaton, Mrs. Edward W.	Seaton Ranch Co.	Cascade
Mother Belina Poetz	St. Mary Hospital	Conrad
Sr. Eugene de Tivoli	St. Patrick Hospital	Missoula
Sr. M. Anthony Livingston	Kalispell General Hospital	Kalispell
Sr. M. Catherine Mott	St. Mary's Hospital	Conrad

Sr. M. Garina Storck	St. Mary's Hospital	Conrad
Sr. M. Irena Ewinski	1612 Second Ave., N.	Great Falls
Sr. Mary Theophana	St. Joseph Hospital	Lewistown
Sr. Thomas Marie Leyendre	Columbus Hospital	Great Falls
Sr. M. Vericunda	Sacred Heart Hospital	Havre
Sister Victor	St. Patrick Hospital	Missoula

NEBRASKA

Ackerman, Edith	2546 S. 9th St.	Omaha 8
Almquist, Ann	Holdrege Hospital	Holdrege
#Bardin, Mrs. Ethel G.		Friend
Barnes, Pauline R.	West Nebr. Methodist Hosp.	Scottsbluff
Berg, Lt. Anna B.	Nurses' Quarters, Schick General Hospital	Clinton, Iowa
Bretzke, Anna	Lincoln General Hospital	Lincoln
Brich, Marcella R.	St. Catherine Hospital	Omaha 8
Brogan, Ellen	1103 South St.	Lincoln 2
**Broughton, Dolores V.	4624 N. 36th St.	Omaha 11
Bulin, Ada	1512 Second Ave.	Scottsbluff
Christensen, Lt. Ruby		Overseas
Christianson, Augusta V.	Mary Lanning Memorial Hosp.	Hastings
Dickinson, Lt. Agnes G.	c/o Headquarters, Gen'l Hosp.	Camp Butner, N. Car.
Dorsey, Josephine J.	Doctors Hospital	Omaha 5
Dugan, Elizabeth I.	St. Joseph's Hospital	Omaha
Ganzel, Charlotte A.	Doctors Hospital	Omaha 5
*Gulotta, Mrs. Wilhelmina	1734 S. 17th St.	Lincoln 2
Hain, Agnes G.	415 S. 26th St.	Omaha 2
Helmsing, Dora E.	620 E. 3rd St.	North Platte
Inselmann, Amanda D.	Dodge County Hospital	Fremont
Jennings, Lucinda G.	Lexington Com. Hospital	Lexington
Klasen, Mrs. Rosalie K.	4681 Mercy St.	Omaha 7
Kramer, Josephine E.	P. O. Box 58	Columbus
Miller, Lillian	Roche Hospital	Sidney
Mulroney, Elizabeth M.	St. Elizabeth's Hospital	Lincoln
Myers, Mrs. Audrey		Howells
Omig, Mrs. Ruth E.	3452 Larimore Ave.	Omaha 11
Owens, Mrs. Mabel R.	4624 N. 36th St.	Omaha 11
Peterson, Lt. Margaret C., ANC	Aux. Surgical Group	Fort Lewis, Wash.
Petersen, Olga	Mary Lanning Mem. Hosp.	Hastings
Poppy, Mrs. Laura O.	Orthopedic Hospital	Lincoln 2
Pratt, Mabel A.	Lutheran Hospital	Norfolk
Schulz, Olga R.	Bryan Memorial Hospital	Lincoln 6
Seeck, Elfrieda L.	Lutheran Hospital	Beatrice
Shaffer, Anna May	3304 Lafayette Ave.	Omaha 3
#Sr. Marie S. Anderson	Immanuel Deaconess Institute	Omaha 11
Sr. M. Ambrose Tomasaitis	St. Joseph's Hospital	Osmond
Sr. M. Asella	St. Elizabeth Hospital	Lincoln 2
Sr. M. Claire Connelly	St. Joseph's Hospital	Alliance
Sr. M. Esther Bogacka	St. Francis Hospital	Osceola
Sr. M. Kevin Corcoran	St. Catherine's Hospital	Omaha 8
Sr. M. Marcella Kavanagh	St. Catherine's Hospital	Omaha 8
Sr. M. Nicasia Guenther	Good Samaritan Hospital	Kearney
Sr. M. Rachel Cooney	Sullivan Memorial Hospital	Spalding
Sutton, Mrs. Hazel R.	3602 Burt St.	Omaha 3
Svoboda, Kathryn C.	528 Park Ave.	Omaha 5
Woodgate, Mrs. Marie E.	109 W. Seventh St.	North Platte

NEW HAMPSHIRE

Clode, Mrs. Mary	Margaret Pillsbury Hospital	Concord
Hale, Mrs. Florence V. M.	St. Joseph's Hospital	Nashua
Schmanska, Lt. Katherine	L A.P.E. Station	Torrance, Calif.

NEW JERSEY

	Abary, Edith	Presbyterian Hospital	Newark 7
	Aberg, Harriet L.	Muhlenberg Hospital	Plainfield
	Alburger, Mrs. Frances M.	St. James Hospital	Newark 5
	Anastor, Mrs. Helen C.	824 Plum St.	Vineland
	Andes, Edna M.	St. Michael's Hospital	Newark 2
	Armstrong, Anna E.	201 Lyons Ave.	Newark 8
	Bader, Marie A.	Newark City Hospital	Newark 7
	Bader, Marie N.	Bridgeton Hospital	Bridgeton
**	Ball, Mrs. Dorothy Calder	157 N. 10th Ave.	Highland Park
	Beane, Mrs. Cora H.	15 Emerson St.	East Orange
	Beddow, Mrs. Alberta S.	Box 86	Hopatcong
	Bennett, Agnes S.	St. Francis Hospital	Trenton 9
	Bisdorf, Mrs. Marie E.	94 S. Munn Ave.	East Orange
	Braddock, Mrs. Jeanette A.	170 Fulton St.	New Brunswick
	Bresnahan, Mary C.	201 Lyons Ave.	Newark 8
	Bryant, Laura D.	Cooper Hospital	Camden
	Calden, Mrs. Mary P.	Hilo Memorial Hospital	Hilo, Hawaii
	Christian, Marion M.	815 Revere Ave.	Trenton
	Conner, Janice	West Jersey Hospital	Camden
	Cook, Maude M.	Presbyterian Hospital	Newark 7
	Cosgrove, Mary A.	St. Mary's Hospital	Passaic
	Dangler, Jessie M.	E. C. Hazard Hospital	Long Branch
#	DeGroot, Mrs. Georgia M.	32 Kitchell Ave.	Wharton
	Dwyer, Elizabeth A.	All Soul's Hospital	Morristown
	Fowlie, 2nd Lt. Gladys O.		Overseas
	Gardner, Mrs. Anne M.	Newark Memorial Hospital	Newark 3
	Hennig, Mrs. Virginia L.	345 Liberty Rd.	Englewood
	Horesta, 1st Lt. Elizabeth J.		Overseas
*	Horne, M. Catherine	929 Revere Ave.	Trenton 9
	Horwitz, Mrs. Elizabeth R.	254 Morse St.	Camden
	Insinga, Anne J.	Newton Memorial Hospital	Newton
	Jenkins, Isabelle	Elizabeth General Hospital	Elizabeth
	Jeter, Mrs. Margaret	276 Bay Ave.	Glen Ridge
	Johnson, Mrs. Ruth K.	14 S. Clarke Ave.	Somerville
	Kalnoske, Lt. (jg) Ada C.	Naval Hospital	Bainbridge, Md.
	Kulkaski, Eleanor A.	Dover General Hospital	Dover
	Lowery, Martha E.	Hospital of St. Barnabas	Newark 2
	MacCullough, Sylvia I.	6902 Browning Rd.	Merchantville
	Maunsell, Wilma	201 Lyons Ave.	Newark 8
	McGarry, Helen M.	Morristown Memorial Hospital	Morristown
#	Mitchell, Mrs. Susan B.	270 Montclair Ave.	Newark 4
	Mongeau, Letitia Mosher	Monmouth Memorial Hospital	Long Branch
	Morang, Elizabeth H.	St. Vincent's Hospital	Montclair
	Muccilli, Miss Janette E.	Presbyterian Hospital	Newark 7
	Murphy, Mrs. Olive M.	321 S. Third St., Apt. 2	Hammonton
	Novarro, Mrs. Elizabeth D.	St. Michael's Hospital	Newark 2
	O'Connor, Anna V.	Newark City Hospital	Newark 7
	Ogens, Mrs. Anna H.	St. Barnabas Hospital	Newark 2
	Patterson, Pearl C.	Dr. E. C. Hazard Hospital	Long Branch
	Petrozzo, Catherine R.	All Saints' Hospital	Morristown
	Ramirez, Alda	Newark Memorial Hospital	Newark 3
	Reynolds, Harriet E.	Memorial Hospital	Morristown
	Rollins, Mrs. Gertrude L.	10 N. Ridgewood Rd.	South Orange
	Shekletski, Miss Blanche	Elizabeth General Hospital	Elizabeth
	Sheppa, Pauline A.	Atlantic City Hospital	Atlantic City
	Smith, Mrs. Dorothy S.	370 Central Ave., Apt. D-3	Orange
	Spangler, Grace L.	Middlesex General Hospital	New Brunswick
	Stafford, Kathryn A.	Cooper Hospital	Camden
	Stone, Mae	Presbyterian Hospital	Newark 7
	Strom, Ruth E.	300 Carteret Place	Orange
	Sullivan, Mrs. Jessie G.	Presbyterian Hospital	Newark 7
	Tyler, Emelia L.	St. Michael's Hospital	Newark 2

VanAmken, Mrs. Edna L.	15 Diller Ave.	Newton
Walsh, Mrs. Florence T.	St. Mary's Hospital	Hoboken
Waters, Lt. Frances M.		Overseas
Weaver, Gertrude M.	Princeton Hospital	Princeton
Woram, Mrs. Leona D.	11 Pine Ave.	W. Long Branch
Youngworth, Rose M.	7 Davidson St.	Clifton
Zalaskus, Mary A.	St. Mary's Hospital	Hoboken
Zaplatynski, Stella	Newark City Hospital	Newark 7
Ziegler, Martha T.	St. Peter's General Hospital	New Brunswick

NEW MEXICO

Doughton, Elizabeth	Box 1135	Tucumcari
Sister M. Benitia Kuhn	St. Mary's Hospital	Gallup
Williams, Mrs. Clara P.	1122 E. Central	Albuquerque
Wilson, 2nd Lt. Lucille		Overseas

NEW YORK

Adams, Mrs. Alice Lorraine	6 Duryea Terrace	W. Hempstead
Adolph, Florence	Knickerbocker Hospital	New York
Albright, 1st Lt. Florence C.	53rd Field Hospital	Fort Bragg, N. Car.
Almour, Mrs. Helen G.	102-32 Van Wyck Ave.	Jamaica
Anderson, Mrs. Sally A.	210 E. 64th St.	New York 21
Angelo, Lt. Mary E., ANC	Rhoads General Hospital	Utica 5
Armstrong, Ethel	39 Auburn Place	Brooklyn 1
Arthur, Lt. Joan H.		Overseas
Barrett, Lt. Gladys	1214 Putnam Ave.	Plainfield, N. J.
Barry, Margaret C.	445 Champlain Ave.	Rochester
Bean, Lt. Verna B., ANC		Overseas
Bell, Mrs. Verda E.	20 Park Ave.	New York 16
Bennett, Jane		Venezuela,S.Am.
Berry, Mrs. Lois M.	68 Whittier St.	Lynbrook
Billmeyer, Hancie M.	Wyckoff Heights Hospital	Brooklyn 27
Blaisdell, Thelma M.	Ellis Hospital	Schenectady 8
Blieve, Ella G	Knickerbocker Hospital	New York 27
Bockus, Mary M. Foy	Potsdam General Hospital	Potsdam
Breen, Lt. Bettina H.	41 Bridge St.	Broadalbin
Breen, Frances Ruth	U. S. Marine Hospital	Stapleton
Brown, Nelly	Vassar Hospital	Poughkeepsie
**Buckley, Ann D.	148-18 21st Ave.	Whitestone,N.Y
Buford, Mrs. Regina G.	Morrisania Hospital	Bronx 53
Burtman, Ensign Fern O.	2070 Clinton Ave.	Alameda, Calif.
Cabedo, Mrs. Janet D.	Morrisania Hospital	Bronx 63
Cahill, Mrs. Josephine	129 W. 70th St.	New York 23
#Califano, Lt. Florence G., ANC, N-757888	U. S. Army Hospital Fort Miles	Lewes, Del.
Camerer, Gladys Muriel	144-15 Lakewood Ave.	Jamaica
Chambers, Cecelia Jane	531 E. 72nd St.	New York
Chapman, Mrs. Doris W.	279 Henry St.	Brooklyn 2
Clarisse, Elsie M.	Highland Hospital	Rochester 7
Clifford, Mrs. Jane D.	44 Cottage St.	Lockport
Colleran, Emma A.	Ellis Hospital	Schenectady 8
Connors, Mary A.	Midwood Hospital	Brooklyn
Cook, Mildred	Coney Island Hospital Ocean Parkway	Brooklyn 23
Cooper, Muriel A.	Lutheran Hospital	Brooklyn 30
Craig, Mary Ann	157 VanCortland Ave.	Sunniside 1
Craven, Helen K. Life Member A.A.N.A.	Long Lake Goldsmith Street	Littleton Common, Mass.
Cronin, Besilla M.	New York Hospital	New York 21
Curtin, Joan	Troy Hospital	Troy
Danaher, May A.	1845 Becker St.	Schenectady

D'Errico, Mrs. Josephine	R. D. No. 2	No. Tonawanda
Desmond, Mary F.	North Country Com. Hospital	Glen Cove
DeSeyn, Laura R.	Strong Memorial Hospital	Rochester 7
Devlin, Mrs. Agnes Canty	570 Crown St.	Brooklyn
Dibble, Eileen F.	Samaritan Hospital	Troy
Dobbie, Marie P.	63 Northampton St.	Buffalo 8
Doherty, Rose A.	Mary McClellan Hospital	Cambridge
Doig, Grace W.	M. I. B. Hospital	Cooperstown
Dolce, Mildred R.	496 Swan St.	Buffalo 4
Dolffs, Irmgard vonBockum	Hosp. for Ruptured & Crippled	New York 17
Donohue, Lt. Eileen	Cushing General Hospital	Framingham, Mass.
Doran, Agnes Mary	719 Halcomb St.	Watertown
Dougherty, Donna D.	Chas. Wilson Hospital	Johnson City
Dunbar, Mrs. Elizabeth R.	Roosevelt Hospital	New York 19
Dupler, Ellen	Roosevelt Hospital	New York 19
Duszynski, Frances	State Institute for the Study of Malignant Diseases	Buffalo 12
Dutton, Philomena	Jamaica Hospital	Jamaica 2
Eberle, Mrs. Giuseppina	Coney Island Hospital	Brooklyn 23
Elden, Mrs. Helen Peck	Charles Wilson Hospital	Johnson City
Ellis, Mrs. Bebe M.	25 Central Park West	New York 23
Eveleth, Lt. Grayce S., ANC	U. S. Army Medical Center Walter Reed Gen'l Hospital	Washington 12, D. C.
Fairbanks, Mildred G.	c/o Mrs. Wildman 276 Wardman Road	Kenmore
Fields, Lillian E.	310 Winthrop St.	Brooklyn 25
Fitzgerald, Sarah Louise	Lawrence Hospital	Bronxville
Foley, Margaret C.	Troy Hospital	Troy
Foley, Virginia M.	Strong Memorial Hospital	Rochester 7
Fowler, Mrs. Sophie K.	70-01 113th St.	Forest Hills
Franke, Elsa E.	1484 Glenwood Blvd.	Schenectady
Galloway, Eleanor	Strong Memorial Hospital	Rochester 7
Gangloff, Miss Arvona	503 E. 73rd St., Apt 26	New York 21
Geiss, Mrs. Helen M.	Strong Memorial Hospital	Rochester 7
Getman, Mrs. Marie L.	25 Pine Ridge Terrace	Buffalo 11
Gilleran, Gertrude M.	Station B, Hudson River State Hospital	Poughkeepsie
Giudice, Clarice S.	1700 Harrison Ave.	Bronx 53
Glenn, Helen	Israel-Zion Hospital	Brooklyn
Glenn, Martha K.	108 S. Village Ave.	Rockville Center
Glenz, Lt. Muriel, ANC		Overseas
Goff, Genevieve N.	Jamaica Hospital	Jamaica 3
Graf, Nellie P.	Brooklyn Hospital	Brooklyn 1
Grube, Mrs. Laura L.	U. S. Public Health Hospital	Manhattan Beach
#Gunkler, Mrs. Walter A.	28 Grosvenor Rd., Denecrest	Ayer, Mass.
Halliday, Lt. Pauline		Overseas
Hamilton, Mrs. Edith M.	Leonard Hospital	Troy
Harvey, Alyce M.	Carson C. Peck Mem. Hosp.	Brooklyn 13
#Hassell, Mrs. Elodia	6 W. 77th St., Apt. D	New York
Heinley, Paula J.	Beth El Hospital	Brooklyn 12
Hemenway, Louise M.	Roosevelt Hospital	New York 19
Hendrickson, Grace L.	Meadowbrook Hospital	Hempstead
Henneberger, Martha M.	Woman's Hospital	New York
Hess, Mrs. Frances J. Honorary Member N.Y. State	340 Henry St.	Brooklyn 2
Holcombe, Mrs. Emily M.	Roosevelt Hospital 428 W. 59th St.	New York
Hopkins, Lt. Janet E., ANC		Overseas
Hughes, Grace G.	Woman's Hospital	New York
Jackson, Marguerite M.	Vassar Brothers Hospital	Poughkeepsie

Jansen, Lt. Marie T.		Overseas
#Jennings, Gertrude M.	248 Center Ave.	New Rochelle
Johnston, Maude	437 Ovington Ave.	Brooklyn 9
Jones, Deborah	55 South Lake Ave.	Albany
Ketcham, Mrs. Emma A.	51 Mitchell Ave.	Binghamton
Kirby, Mrs. Irene L.	Hosp. for Ruptured & Crippled	New York 17
Kline, Ethel C.	Box 706	Hudson
Knitter, Mrs. Consuelo L.	Staten Island Hospital	Staten Island 1
Korenik, Boldiena A.	Jamaica Hospital	Jamaica
Kovar, Ethel	New York Hospital	New York
Krieger, Mrs. Bessie L.	103 Hooker Ave.	Poughkeepsie
Kurtz, Ulvilda Louise	4018 Surf Ave.	Brooklyn 24
Lambert, Lillian I.	U. S. Marine Hospital	Staten Island
Lambert, Marcella F.	1084 New York Ave.	Brooklyn 3
Lang, Veronica E.	St. Catherine's Hospital	Brooklyn
Ledford, Sarah	New York Hospital	New York
Lein, Mrs. R. N.	Shawnee Road	No. Tonawanda
Lemke, Anna C.	Woman's Hospital	New York
Lepine, Lt. Martha		Overseas
Lewis, Mrs. Elizabeth M.	Alice Hyde Hospital	Malone
Liedlich, Mrs. Dorothy	Roosevelt Hospital	New York 19
Lipinski, Bernice	Strong Memorial Hospital	Rochester
Litzen, Catherine	New York Hospital	New York
Logan, Mrs. Margaret K.	2000 Arthur Kill Road	Rossville 9
MacDonald, Ada	Mary Immaculate Hospital	Jamaica
MacIver, Kathryn M.	Bay Ridge Hospital	Brooklyn
MacQuarrie, Barbara A.	1919 Madison Ave.	New York 35
Maher, Lulu A.	1831 Fifth Ave.	Troy
Mahon, Mrs. Anne D.	Knickerbocker Hospital	New York
Marseilles, Marcelle J.	1365 York Ave.	New York 21
Martin, Mrs. Hilda P.	237 E. 20th St.	New York
Masler, Catherine A.	105 Carlton Ave.	Brooklyn 1
Mavor, Mrs. Mae	Orthopedic Hospital	New York
McCall, Catherine	Memorial Hospital	Catskill
McCann, Susan	Greenpoint Hospital	Brooklyn 6
McCarthy, Ensign Helen J.	404 Maple Ave.	Elmira
McCoy, Mrs. Charlotte R.	New York Hospital	New York
McKay, Cora Honorary Member N.Y. State	Albany Hospital	Albany
McKeon, Anna	177 Lincoln Blvd.	Kenmore
McLaughlan, Lt. Eleanor	24 Walnut Terrace	Bloomfield, N.J.
McQuilton, Ida M.	Nassau Hospital	Mineola
Meek, Mary A.	1255 Delaware Ave.	Buffalo 2
Millman, Mrs. Golda		Athens
Minnick, Hilda I.	North Country Community	Glen Cove
Mion, Elizabeth G.	St. Vincent's Hospital	New York
Morrow, Dorothy H.	Highland Hospital	Rochester 7
Morton, Edith C.	Woman's Hospital 141 W. 109th St.	New York 25
Moss, Naomi S.	Wyckoff Heights Hospital 1442 St. Nicholas Ave.	Brooklyn
Moyer, Mrs. Louise Doty	901 Washington Ave.	Brooklyn 25
Mullin, 1st Lt. Sara	Harmon Gen'l Hosp., Box 192	Longview, Tex.
Munch, Mrs. Mary S.	Umatilla Ord. Depot	Ordnance, Ore.
Murphy, Anna D.	Ellis Hospital	Schenectady 8
Neander, Etelinda J.	Queen's Hospital	Jamaica 2
Norris, Anna V.	United Hospital	Port Chester
Oberlin, Edith	New York Hospital	New York
O'Mara, Margaret M.	245 Elmwood Ave.	Buffalo 9
O'Neill, Anna T.	4802 10th Ave.	Brooklyn 19
O'Neill, Mrs. Veronica T.	322 Linden Blvd.	Brooklyn 26
O'Toole, Ruth	36 Ellwood St.	New York 34
Patten, Helen L.	62 Chestnut St.	Cohoes

Paterson, Mrs. Agnes S.	250 Dover Road	Manhasset
Peck, Mayme A.	Mary Immaculate Hospital	Jamaica
Peisher, Lillian J.	Newark State School	Newark (Wayne Co.)
Pengel, Mrs. Ada M.	Pleasant Ave., Plainview RFD No. 1	Hicksville
Penland, Anne	Presbyterian Hospital	New York
Perry, Mary F.	Midtown Hospital	New York
Peskin, Lt. Edith M., ANC		Overseas
Peterson, Mrs. Mildred C.	23 Elmwood Ave.	Jamestown
Petrie, Hilda M.	Woman's Hospital	New York 25
Phillips, 1st Lt. Frances K.		Overseas
Piquet, Agnes L.	Presbyterian Hospital	New York
Pollock, Mrs. Lena B.	145-17 33rd Ave.	Flushing
Power, Mrs. Ethel H.	88 Horatio St.	New York 14
Prentice, Mildred V.	Bethany Deaconess Hospital	
	237 St. Nicholas Ave.	Brooklyn
Prime, Mrs. Ethel C.	12 Hempstead Ave.	Rockville Centre
Rabinowitz, Frances	Staten Island Hospital	Tompkinsville
Racette, Miss Alice M.	Ellis Hospital	Schenectady 8
Reeds, Mrs. Mary L.	Ellis Hospital	Schenectady 8
Rees, Madge	Ellis Hospital	Schenectady 8
Reichling, Lt. Dorothy A.		Overseas
Richardson, Elsie E.	U. S. Marine Hospital	Staten Island
Riebhoff, Grace H.	Freeport Hospital	Freeport
Riefel, Helen G.	Highland Hospital	Rochester 7
Robert, Jeanne	Cumberland Hospital	Brooklyn
Robertson, Mrs. Elizabeth	Meadowbrook Hospital	Hempstead
Robinson, Hilda J.	Lutheran Hospital	Brooklyn
Rupert, Cecile D.		
Russell, M. Mabel	Potsdam Hospital	Potsdam
Rydd, Helen	59-61 69th Place	Maspeth
Satterlee, Charlotte D.	Memorial Hospital	Albany 4
Schmid, Carol	880 Lafayette Ave.	Buffalo 9
Schmidt, Lucy L.	Hospital for Joint Diseases	New York 35
Schuster, Naomi D.	330 Broadway	Kingston
Sharples, Anita M.	South Nassau Com. Hospital	Rockville Centre
Sheldon, Mary E.	House of the Good Samaritan	Watertown
Shellenberger, Frances V.	253 Cumberland St.	Brooklyn 5
Shupp, Miriam G. Sustaining Member A.A.N.A.	Strong Memorial Hospital	Rochester
Silverman, Mrs. Helen M.	466 Bay Ridge Parkway	Brooklyn 9
Simmons, Curlee E.	Brooklyn Hospital	Brooklyn
Sr. Gertrude Lesuik	St. Mary's Villa of Table Rock	Sloatsburg
Sr. Laure de la Nativite Martin	St. Charles Hospital	Port Jefferson
Sr. Magda Marie	St. Catherine's Hospital	Brooklyn
Sr. Marie de St. Gerard	St. Charles Hospital	Port Jefferson
Sr. M. Bernetta Kenny	Mercy Hospital	Buffalo
Sr. M. Claver Fitzgerald	St. Jerome's Hospital	Batavia
Sr. Mary de Sales	Mercy Hospital	Rockville Centre
Sr. M. Inez O'Mailia	Mercy Hospital, 565 Abbott Rd.	Buffalo 20
Sr. M. Joseph Jerome Donnelly	Mercy Hospital	Rockville Centre
Sr. M. Laetitia Carr	Mercy Hospital	Buffalo 20
Sr. M. Monica O'Donnell	Mercy Hospital	Rockville Centre
Sr. M. Nazarene	Mary Immaculate Hospital	Jamaica 2
Sr. M. Noreen	St. Catherine's Hospital	Brooklyn
Sr. St. Anastasia Desjardine	St. Charles Hospital	Brooklyn
Sr. St. Joseph Creighton	St. Joseph Hospital	Elmira
Slovak, Mrs. Roberta	Ellis Hospital	Schenectady 8
Smith, Lt. Alice C., ANC	DeLano Hall, Walter Reed Hospital	Washington, D. C.

⛟Smith, Ensign Frederica J.	U. S. Naval Hospital	Sampson
Spear, Elizabeth	United Hospital	Port Chester
Spencer, Eva N.	City Hospital	Salamanca
Spencer, Marion R.	130 N. Meadow St.	Watertown
Spongberg, Alice J.	Bay Ridge Sanitarium	Brooklyn
Sprague, Mrs. Catherine M.	723 W. Water St.	Elmira
Sprott, Mary McC.	1320 York Ave.	New York 21
Starling, Fanecia	Ellis Hospital	Schenectady 8
⛟Steffen, Lt. Gertrude		Overseas
Strayer, Mary C.	Memorial Hospital	New York 21
Stringer, Mrs. Gyda Bates	517 W. 161st St.	New York
Stroobant, Marie H.	Park Ave. Hosp., 789 Park Ave.	Rochester 7
Suhroff, Marion A.	Mary Immaculate Hospital	Jamaica 2
#Sullivan, Mrs. Albina K.	235 Bryant St.	Buffalo 13
Sullivan, Margaret	Roosevelt Hosp., 428 W. 59th St.	New York 19
Super, Helen M.	85 Bushwick Ave.	Brooklyn 11
Swanstrom, Anna A.	Woman's Hosp., 141 W. 109th St.	New York 25
Thelen, Elsa A.	506 Sixth St.	Brooklyn 15
Tippit, Mrs. Clyde D.	Fordham Hospital	New York
Tschudin, Marie	Vassar Bros. Hospital	Poughkeepsie
Tyler, Dorothy	White Plains Hospital	White Plains
Van Gorden, Mrs. Alma G.	68 Arch St.	Johnson City
Weaver, R. Edith	Hudson City Hospital	Hudson
Weisensee, Barbara	131 Fulton Ave.	Hempstead
Welch, Elizabeth A.	Strong Memorial Hospital	Rochester 7
⛟Williams, Ensign Muriel E.		Overseas
Wilson, Mrs. Ola M. H.	1631 State St.	Watertown
Wurtz, Clara A.	200 Wallace St.	Buffalo 16
Yokus, Frances C.	Manhattan Eye, Ear & Throat Hospital, 210 E. 64th St.	New York 21
*Zawistowski, Mrs. Pauline	Long Island College Hospital	Brooklyn 2

NORTH CAROLINA

⛟Adcock, Lt. Alice, ANC	Box 24, Regional Hospital	Fort Bragg
Angel, Mrs. Louise S.	Angel Clinic	Franklin
Auld, Mrs. Evelyn E.	Box 3634, Duke Hospital	Durham
Baumgartner, Lottie M.	140 W. Acadia Ave.	Winston-Salem
Bollinger, Rose E.	Memorial Hospital	Charlotte 3
*Boyles, Irene S.	Charlotte Memorial Hospital	Charlotte 3
Brown, Martha	Box 3204, Duke Hospital	Durham
**Campbell, Mary B.	Box 3204, Duke Hospital	Durham
Chapman, Ruth B.	Moore County Hospital	Pinehurst
Clark, Irene S.	James Walker Memorial Hosp.	Wilmington
Clause, Blanche	Memorial Hospital	Charlotte
Cronstedt, Mrs. Ethel A.	Presbyterian Hospital	Charlotte
Dawson, Mrs. Ella A.	1013 W. Main St.	Durham
Derrick, Ora	James Walker Memorial Hosp.	Wilmington
Esler, Margaret R.	Onslow Co. Hospital	Jacksonville
Farris, Lena E.	Box 813	Wilson
Gaster, Margaret E.	Charlotte Memorial Hospital	Charlotte 3
Giddens, Lillian F.		Moorhead City
⛟Goodman, Lt. Eliza D.		Overseas
Green, Annie L.	Randolph Hospital	Ashboro
Hamlet, Mrs. Carrie S.	Maria Parham Hospital	Henderson
Hardin, Mary S.	Rutherford Hospital	Rutherfordton
Henley, Jamie	Box 1251	Raleigh
Hernandez, Miriam P.	Memorial Hospital	Charlotte
#Hicks, Mrs. Jane B.	2307 Prince St., C-11	Durham
House, Mrs. Freddie M.	Park View Hospital	Rocky Mount
Jeffreys, Claudia L.	Watts Hospital	Durham
⛟Johnson, Lt. Georgia E.		Camp Butner
Jones, Elizabeth F.	Guilford College Hospital	Guilford College
⛟LaChance, Capt. Lola J.		Overseas
McCaffrey, Mrs. Alma S.	Duke Hospital	Durham

Medlin, Mrs. Addie F.	209 W. Littleton Road	Roanoke Rapids
Mills, Mrs. W. P.	1927 Westside Ave.	Charlotte
Muhleman, Lt. Nancy L		Overseas
Paddock, Hortense E.	Duke University Hospital	Durham
Richards, Alice R.	Box 3636, Duke Hospital	Durham
Rowland, A. Frances	Box 3683, Duke Hospital	Durham
Scarborough, Mante	Presbyterian Hospital	Charlotte 4
Sellars, Bessie L.	416 Front St.	Burlington
Sr. M. Anastasia Bergin	Mercy Hospital	Charlotte 4
Sr. M. Vincent	St. Joseph's Hospital	Asheville
Slaughtenhaupt, Helen E.	Rex Hospital	Raleigh
Smith, Carrie E.	Baker Sanitorium	Lumberton
Snively, Mary H.	Box 3094, Duke Univ. Hosp.	Durham
Stroud, Mae	Cabarrus County Hospital	Concord

NORTH DAKOTA

Ammentorp, Magna	Deaconess Hospital	Grand Forks
Anderson, Cora L.	St. John's Hospital	Fargo
Christensen, Mrs. Agnes C.	10A W. Broadway	Williston
Cross, Jennie L.	818 9th St., N.	Fargo
Dahl, Minnie M.	Trinity Hospital	Minot
Gethman, Fern	Box 1031	Bismarck
Lee, Anna M.	Good Samaritan Hospital	Williston
Lybeck, Clara	Deaconess Hospital	Grand Forks
Peterson, Eunice	514 Sixth St.	Bismarck
Riste, C. Luella	Trinity Hospital	Minot
Schultz, Selma, 2nd Lt., N-778346	Officers Quarters Fitzsimmons Gen'l Hospital	Denver 8, Colo.
Sinner ,Kathryn J.	Box 1024	Casselton
Mother M. Celsa Schmalen	St. Joseph's Hospital	Minot
Sr. Anthony Marie McKinnon	Mercy Hospital	Valley City
Sr. Frances Schwellinger	St. Joseph's Hospital	Dickinson
Sr. Loretta Frache	Trinity Hospital	Jamestown
Sr. M. Agnes Schneider	St. John's Hospital	Fargo
Sr. M. Alban Deplazes, ESM	Mercy Hospital	Devils Lake
Sr. M. Angela Maher	Mercy Hospital	Williston
Sr. M. Brendan Tuohy	Mercy Hospital	Langdon
Sr. Mary Dolorosa	Mercy Hospital	Devils Lake
Sr. M. Dosithea Swoboda	St. Michael's Hospital	Grand Forks
Sr. M. Eugene Liston	Mercy Hospital	Williston
Sr. Mary Owen	Mercy Hospital	Valley City
Sr. M. William Schitzmeier	St. Joseph's Hospital	Minot
Solberg, Martha S.	Good Samaritan Hospital	Rugby
Stennes, Josephine	Good Samaritan Hospital	Rugby
Truedson, Dorette E.	Deaconess Hospital	Grafton
Van Sweringen, Bertha		Rugby
Winters, Ella A.	727 Fourth St., N.	Fargo

OHIO

Adams, Lou E.	2045 E. 90th St.	Cleveland 6
Ahler, Alma R.	2227 Shadwell St.	Cincinnati 14
Allwein, Aida B.	1890 E. 105th, Apt. 6	Cleveland 6
Andrews, Isabella	1890 E. 93rd St.	Cleveland 6
Andrews, Mabel I.	1890 E. 93rd St.	Cleveland 6
Armstrong, Mrs. Helen L.	5612 Maphet St.	Cincinnati 27
Arnold, Erina M.	315 Alvin St.	Freeland, Penn.
Aumend, Mrs. Marvil	66 W. 10th Ave.	Columbus
Barnett, Florence M.	Cleveland Clinic Hospital	Cleveland 6
Barth, Alice L.	Youngstown Hosp., N.S. Unit	Youngstown 4
Bennett, Mrs. Louis R.	3273 Berkeley Road	Cleveland Hts.

Bischoff, Gretchen P.	City Hospital	Cleveland 9
Blue, Mrs. Esther C.	Meadow Lane	Solon
Bone, Mrs. Mabel E.	1363 Herschel Ave., Hyde Park	Cincinnati 8
Boswell, Mrs. Florence H.	962 E. 152nd St.	Cleveland 10
Boyer, Capt. Elizabeth, ANC	Delano Hall, Army Medical Center	Washington 12, D. C.
Bradley, Marian F.	St. Luke's Hospital	Cleveland 4
Brengartner, Mary N.	St. Alexis Hospital	Cleveland 4
Brooks, Mrs. F. L. Stevens	2210 Emerson Ave.	Dayton 6
Bruchnechter, Lt. Margaret, ANC		Overseas
Buehrle, C. Elizabeth	Youngstown Hosp., N.S. Unit	Youngstown 4
Buffery, Mrs. Helena M.	630 Eaton Ave. Ft. Hamilton Hospital	Ft. Hamilton
Burlage, Mrs. Katherine G.	University Hospitals	Cleveland 6
Callot, Mrs. Henriette M.	2559 Princeton Rd.	Cleveland
Campbell, Violet	1025 Belmont Ave.	Youngstown 4
Candee, Ens. Minerva	Box 27, Naval Air Base	Atlanta, Ga.
Carney, Helen U.	Youngstown Hosp., N.S. Unit	Youngstown 4
Clasen, Lt. Caroline F., ANC	Davis-Monthan Field Station Hospital	Tucson, Ariz.
†Colbert, 1st Lt. Margaret B.	Regional Hospital	Camp Bowie, Tex.
Conley, Capt. Phyllis, ANC		Overseas
Coomes, Maryrose	Good Samaritan Hospital	Cincinnati 20
Correll, Marion A.	1609 Summit St.	Toledo
Costello, Mary A.	926 Elberon Ave.	Cincinnati 5
Craig, Mary L.	Good Samaritan Hospital	Dayton 6
Crandall, Helen M.	1946 E. 101st St.	Cleveland 6
Crauder, Dona	107 Stockton Ave.	Dayton 9
Crumbacher, Elvira	2771 E. 108th	Cleveland
Crumbaugh, Mrs. Florence		Monroeville
Curro, Catherine M.	41 Arch St.	Akron 4
Davis, Lt. Ruth		Overseas
Dickerson, Mrs. Ann	19443 N. Sagamore Drive	Rocky River 16
Dingledine, Margaret	1211 Far Hills Ave.	Dayton 9
Ealy, Inez	Box 490	Elyria
Eldredge, Mildred G.	Detwiler Memorial Hospital	Wauseon
Evans, Evelyn G.	Glenville Hospital	Cleveland 8
Evans, Virginia R.	Good Samaritan Hospital	Dayton 6
Fife, Mrs. Gertrude L. Honorary Member, Ohio Ass'n	University Hospitals	Cleveland 6
Fisher, Mrs. Elizabeth	Cleveland Clinic Hospital	Cleveland
Franzen, Elizabeth M.	City Hospital, 41 Arch St.	Akron 4
Garay, Mrs. Marguerite K.	10615 Lake Ave.	Cleveland 2
Gath, Mrs. Fanny E.	307 Aberdeen Dr.	Middletown 20
Giffin, Eva M.	160 Terrace Ave.	Hasbrouck Hts., N. J.
Gilmore, Ruth S.	Children's Hospital	Cincinnati 29
Gruler, Imelda M.	3157 Glenmore, Westwood	Cincinnati 11
Gruska, Hermina E.	355 Grant St.	Akron
Hale, Mrs. Dessa C.	626 W. Main St.	Wilmington
Hamlett, Ens. Winnie G., NC	USNR U. S. Naval Dispensary	Miami Beach, Fla.
Hardman, Mrs. Ann R.	424 Alameda Ave.	Youngstown 4
Heckathorn, Helen M.	Nurses' Home, Charity Hosp.	Cleveland 15
Higgins, Alma R.	3557 Tullamore Rd.	University Hts.
Hollister, Marian	University Hospitals	Cleveland 6
Horton, Mrs. Alcey H.	205 Tod Lane	Youngstown
Jensen, Foneta Darlene	1803 Valentine Ave.	Cleveland 9
Johnston, Lt. Ona		Overseas
Kaiser, Emilie	60 E. Norwich Ave.	Columbus 1
Keefer, Mrs. Orpha F.	41 Oakdene Ave.	Cliffside, N. J.
Kinikin, Mrs. Loretta K.	5 Davis Apt., Main & D Sts.	Hamilton

Knicely, Lt. Helena K.		Overseas
**Kocklauner, Florence E.	University Hospitals	Cleveland 6
Kocklauner, Frances	University Hospitals	Cleveland 6
Lawson, Alice B.	3305 Franklin Blvd.	Cleveland 13
Lins, Mrs. Mary L.	University Hospitals	Cleveland 6
Loflin, Hazel A.	St. Elizabeth Hospital	Dayton 8
Lott, Anna Mae	Good Samaritan Hospital	Cincinnati 20
MacCracken, Myrtle H.	Quarters 4A, U. S. Naval Hosp.	Brooklyn, N. Y.
Mantilla, Ruth Little	University Hospitals	Cleveland 6
Mays, Marcel	University Hospitals	Cleveland 6
McCambridge, Lt. Mary R.	Regional Nurses Quarters 1550th S. U.	Ft. Knox, Ky.
McMahon, Janet	University Hospitals	Cleveland 6
Meistad, Margaret	Regina Hall, Box 107 Good Samaritan Hospital	Dayton 6
Meszaros, Mrs. Harriet C.	c/o Mrs. John Meszaros, Route 1	Scott Depot, W. Va.
Meyers, Alice	1701 W. 28th St.	Cleveland 13
Mihelek, Mrs. Mary Francis	4433 W. 49th St.	Cleveland 9
Miller, Mary F.	630 E. River St.	Elyria
Momeyer, Myrn E.	11311 Shaker Blvd.	Cleveland 4
#Moore, Clara R.	U. S. Veterans Hospital	Brecksville
Moore, Nancy	University Hospitals	Cleveland 6
Moore, Mrs. Rosalie Martin	3761 Warsaw Ave., Price Hill	Cincinnati 5
Morgan, Martha A.		Kimmundy, Ill.
Niarchos, Kathleen E.	1428 W. 80th St.	Cleveland 2
Nystrom, Ida A.	41 Arch St.	Akron 4
O'Connor, Mrs. Inez E.	Cleveland Clinic Hospital	Cleveland 6
Parker, Daisy A.	Youngstown City Hospital, SS Unit	Youngstown 1
Peabody, Mrs. Louise O.	1701 W. 28th St.	Cleveland 13
Perry, Mrs. Helen S.		Glenmont
Pfeifer, Christine K.	Children's Hospital	Columbus 5
Pflughoeft, Lola	3836 Indian View	Mariemont
Pollack, Lt. Julia R.		Overseas
Rathweg, Lt. Mary R.		Overseas
Rausch, Mrs. Zadie R.	3931 Riverside Drive	Dayton 5
Reinke, Mrs. Marion L.	1701 W. 28th St.	Cleveland 8
Renner, Mrs. Naomi Butler	2453 Clybourn Pl.	Cincinnati 19
Richards, Lucy E.	City Hospital	Cleveland 9
Rinker, Wilma R.	1812 E. 105th St.	Cleveland 6
Romito, Mrs. Florence	Bldg. 11, N.A.T.T.C.	Norman, Okla.
Rose, Ens. Winifred, USNR	U. S. Naval Hospital	Long Beach, Cal
Rothansky, Anna M.	389 Pearl St.	Akron
*Sauers, Mildred	241 8th St., NW	Barberton
Schmitz, Catherine M.	2230 Victoria Ave.	Dayton 6
Schriner, Mrs. Jeanne N.	1124 Covington St.	Youngstown 4
Schriner, Ruth G.	1124 Covington St.	Youngstown 4
Schriver, Lucille M.	4311 Prospect Ave.	Cleveland 3
Sellers, Lida Thornton	St. Elizabeth's Hospital	Dayton
Shuff, Frances	University Hospital	Columbus
Sr. John Edward Kaiser	Good Samaritan Hospital	Cincinnati 20
Sr. M. Benedicta Frisz	St. Alexis Hospital	Cleveland 4
Sr. M. Benignus Leahy	Mercy Hospital	Hamilton
Sr. M. John Geierman	Mercy Hospital	Toledo 2
Sr. M. Matthew Regan	Good Samaritan Hospital	Cincinnati 20
Sr. Mary St. Rose Vasco	702 Cleveland Ave., N.W.	Canton
Sloat, Capt. Mildred R. ANC N-729413	Wakeman General Hospital	Camp Atterbury, Ind.
Smith, Mrs. Laurabelle S.	Youngstown Hosp., SS Unit	Youngstown 1
Stambal, Elizabeth	St. Luke's Hospital	Cleveland 4
Stewart, Romaine M.	Peoples Hospital	Akron 7
#Stillman, Mrs. Irene	7618 Dorothy Ave., Parma	Cleveland 9
Sullivan, Mrs. Laura R.	Mercy Hospital	Hamilton
Terry, Ann	Charity Hospital	Cleveland 15

Thomas, Mrs. Marion Wark	Twin Lakes	Kent
Traska, Estelle T.	9703 Park Heights Ave.	Garfield Hts. Cleveland 5
Travers, Virginia	Deaconess Hospital	Cleveland
Van Arsdale, Mrs. Myra	1204 Warren Rd., Lakewood	Cleveland 7
Walker, Marjory H.	Mt. Sinai Hospital	Cleveland 6
Walters, Phyllis M.	St. Luke's Hospital	Cleveland 4
Walters, Martha A.	Mt. Sinai Hospital	Cleveland 6
Ware, Mrs. Mary A.	Children's Hospital	Cincinnati 29
Warren, Helen V.	1879 E. 84th St.	Cleveland 3
Weber, Lillian	Fairview Park Hospital	Cleveland 13
Weltmer, Ruth E.	Peoples Hospital	Akron 7
Wiget, Ida Mae	2065 Adelbert Rd.	Cleveland 6
Wilkes, Vernie M.	664 N. Park St.	Columbus 8
Willaman, Mrs. Dorothy O.	306 Cole Ave., N.	Canton 6
Williams, Marcia E.	1428 W. 80th St.	Cleveland 2
⚑Wolchick, Ens. Elizabeth		Overseas
Wolotkiewicz, Antonine B.	City Hospital	Cleveland 9
⚑Zekas, Lt. Catherine V.		Overseas

OKLAHOMA

Beach, Mrs. Emma B.	Durant Hospital 215 N. 16th St.	Durant
**Bertram, Mrs. Hallowe'en	Wesley Hospital	Oklahoma City
⚑Cully, Capt. Irene E.		Overseas
DeSacarraz, Mrs. Helen McClung	Republica 207	Camaguey, Cuba
⚑Diefenderfer, Lt. Dixie Lee		Overseas
Loftus, Julia D.	Community Hospital	Elk City
Loving, Helen	Valley View Hospital	Ada
Peeks, Nellie I.		Vinson
Pitt, Mrs. Beatrice W.	2335 N. W. 11th	Oklahoma City
Scheffner, Mrs. Pollyanne	315 West 15th St.	Topeka, Kan.
Wisner, Claire E.	300 Masonic Bldg.	Ponca City

OREGON

Allen, Anna H.	1011 S. E. 60th	Portland
Amort, Alvine	1110 Donna Ave.	Salem
Anderson, Mrs. Marie F.	4037 N. Longview	Portland 12
Arnold, Dorothy L.	St. Mary's Hospital	Astoria
Atkinson, Alice	Route No. 1, Box 140	Seaside
Bennett, Beulah		Harrisburg
⚑Berger, Lt. Hulda E., ANC		Overseas
Blanchard, Mrs. Elizabeth	2180 Laurel Ave.	Salem
Bottorff, Mrs. Viola C.	116 Cottage St.	Medford
Brye, Olivia	2800 N. Commercial	Portland 12
Bunch, Mrs. Josephine B.	4030 S. W. Condor Ave.	Portland 1
Butler, Hazel E.	1131 S. W. Montgomery St.	Portland 1
Carlile, Mrs. C. W.		
Case, Mrs. Loretta F.	3258 N. E. 79th Ave.	Portland 13
⚑Clendenning, Lt. Patricia	1716 S. E. 82nd Ave.	Portland
Darby, Merwyn	206 Masonic Bldg.	Salem
**Davis, Mary E.	2282 N. W. Northrup	Portland 10
Dempsey, Anne	Route No. 4, Box 190 B	Oregon City
Dimig, Mary K.	2010 Sherman	Portland 15
Doerr, Aimee Lillian	4104 N. Longview	Portland 12
Durno, Mrs. Evelyne B.	1913 Hillcrest Road	Medford
Ernston, Mrs. N. C.	1047 Corey Ave.	Roseburg
Fagan, Jeanne C.	3018 N. E. 43rd St.	Portland 13
⚑Fisher, Capt. Kathryn D.		Overseas

French, Mrs. George H.	3502 S. W. 11th St.	Portland 1
Gammon, Mrs. Edna C.	603 Pentland St.	The Dalles
Giddings, Margaret	6425 N. E. Alameda Drive	Portland 13
Hane, Mrs. Ruth Hagen	The Tides	Seaside
Hansen, Rose M.	1720 S. E. 46th Ave.	Portland 15
Herin, Mrs. Miriel	1729 N. E. 17th Ave.	Portland 12
Holmes, Mrs. Amelia L.	Route No. 2, Box 56	Ashland
Holmes, Cassie A.	515 East 4th St.	The Dalles
*Johnson, Mrs. Elizabeth D.	2417 S. E. 12th St.	Portland 14
Jones, Mrs. Irene Merton		St. Paul
Kaufman, Geraldine	1236 N. E. 77th Ave.	Portland 16
Kropp, Ensign Kathryn A.	U. S. Naval Hospital	Oakland, Calif.
#Krumbein, Mrs. Mary G.	604 S. E. 52nd St.	Portland 15
Laird, Mrs. Rosena	Route No. 1	Creswell
Maher, Bernice	399 E. Tenth Ave.	Eugene
Mays, Mrs. Faye W.	1804 S. E. 44th Ave.	Portland 15
McCorkle, Mrs. Clara M.	708 N. W. 19th Ave.	Portland 9
McDonald, Lillian M.	590 North 23rd	Salem
McElligott, Mabel	4705 N. E. Mallory Ave.	Portland 11
McEwen, Gene	415 Pine St.	Klamath Falls
McGee, Agnes	2328 N. W. Everett St.	Portland 10
McKirdie, Mrs. Sylvia M.	1092 S. W. Westwood Drive	Portland 1
Morrison, Mrs. Margaret R.	6816 N. E. Belmont	Portland 16
Morse, Mrs. Cecile L.	Mid-Columbia Hospital	The Dalles
Nelson, Carrie L.	1925 S. E. 56th Ave.	Portland 15
#Nitschke, Mrs. Elsie H.	Apt. 7, 1626 S. E. Montgomery	Portland
O'Brien, Alice	2282 N. W. Northrup	Portland 10
O'Brien, Mrs. Daisy	Holmes Lane	Oregon City
Ogelsby, Fannie M.	157 S. Winter St.	Salem
Paulson, Ida C.	Oregon City Hospital	Oregon City
Pikesh, Zola	2800 N. Commercial Ave.	Portland 12
Pobochenko, Mrs. Ruth	5225 S. E. Madison	Portland 15
Porter, Ensign Katrine V.	U. S. Naval Hospital	Farragut, Ida.
Quinn, Mrs. Virginia P.	706 Prospect	Grants Pass
Reese, Mrs. Marjorie R.	Route 1, Box 122	Beaverton
Russell, Mrs. Grace	3225 S. W. 12th	Portland 1
Ruuska, Mrs. Alice C.	2015 N. W. Flanders	Portland
Saunders, Mrs. Esther L.	2282 N. W. Northrup St.	Portland 10
Saults, Lt. Fern E., ANC	Baxter General Hospital	Spokane, Wash.
Seguin, Mrs. Marian F.	2346 N. W. Glisan St.	Portland 10
Shaw, Mrs. Blossom C.	5712 N. Interstate	Portland 11
Shelton, Mrs. Florence T.	3808 S. W. Ridgewood Road	Portland 1
Singer, Mildred H.	4307 N. E. 53rd St.	Portland 11
Sr. Agnes deBoheme	St. Vincent's Hospital	Portland 10
Sr. Anna H. Duerksen	252 N. College St.	Salem
Sr. Gregory of Charity	Providence Hospital	Portland 13
Sr. M. Baptisto Kosterman	St. Elizabeth's Hospital	Baker
Sr. M. Mannes Mulvihill	Holy Rosary Hospital	Ontario
#Sr. M. Sylvina Beard	St. Anthony's Hospital	Pendleton
Sr. M. Teresa Helen Glynn	St. Anthony's Hospital	Pendleton
Sr. Ottelia	St. Mary's Hospital	Astoria
Sr. Rose of Precious Blood	Providence Hospital	Portland
Smith, Mrs. Dolores H.	2533 N. W. Marshall	Portland 10
Svensen, Mrs. Emma H.	3932 N. Albina Ave.	Portland 12
Swearingen, Phyllis	Community Hospital	Medford
Tautfest, Frances Jean	636 S. E. 60th Ave.	Portland 15
Tibbetts, Mrs. Mina M.	1010 S. W. 13th Ave.	Portland 5
Turner, Mrs. Marion R.	2533 N. W. Marshall, No. 101	Portland 10
Vermullen, Angela	2533 N. W. Marshall St.	Portland 10
Walton, Mrs. Glenna L.	McKenzie Road	Eugene
White, Mildred	2834 N. E. 62nd Ave.	Portland 13
Wilhelm, Mrs. Hazel I.	3424 N. E. Tillamook St.	Portland 13
Wilmot, Katurah M.	2026 S. E. Elliott Ave.	Portland 14
Wolfe, Lt. Leah, ANC	Station Hospital	Camp Haan, Cal.
#Zell, Gladys H.	1195 N. 14th St.	Salem

PENNSYLVANIA

Adams, Etta Veronica	2616 Ellsworth St.	Philadelphia
#Anastasus, Mrs. Isabella K.	851 Dewey St.	Hagerstown, Md.
Anderson, Thorene G.	81 Katherine St.	Port Allegany
Arbaugh, Mrs. Bregetta P.	816 Park Ave.	Johnstown
Baker, Leone S.	302 S. Fairview Ave. Highand Park	Upper Darby
Bancroft, Mrs. Agnes W.	c/o Dr. Kent, 3434 Queen Lane	Philadelphia
Banks, Ruth M.	1232 N. Franklin St. St. Luke's & Children's Hosp.	Philadelphia 22
Barie, Elfrieda T.	St. John's Hospital, N. S.	Pittsburgh 12
Bartruff, Sara C.	1011 N. High St.	Duncannon
Bauer, Clara	1016 Buttonwood St.	Reading
Beringer, Mary L.	938 Atlantic Ave.	Monaca
Berkey, Lt. Doris, ANC	R. D. No. 4	Coatesville
Bissett, Mary E.	Conemaugh Val. Mem'l Hosp.	Johnstown
Bitz, Ens. Naomi	U. S. Naval Hospital	Philadelphia 47
Blanchard, Hazel Contributing Member A.A.N.A.	Soldiers & Sailors Memorial Hospital	Wellsboro
Blum, Dorothy D.	Homestead Hospital	Homestead
Body, Mrs. Martha C.	Cemetery Road	West Newton
Borgstrom, Hilma C.	Stetson Hosp., 1745 N. 4th St.	Philadelphia 22
Bottorf, Miriam Naomi	Lock Haven Hospital	Lock Haven
Bottrell, Gladys M.	403 Rose Ave.	Wilkinsburg 21
Bowkley, Naomi E.	Nesbitt Memorial Hospital	Kingston
Bowser, Mrs. Alma B.		Summerville
Boyle, Bernadette B.	Box B	New Eagle
Breakly, Nettie	Brookville Hospital	Brookville
Brenlove, Mrs. Anna J.	2620 Winchester Dr.	Pittsburgh 20
Brenner, Violet May	52 Pennsylvania Ave.	Coatesville
#Briggs, Mrs. Marian L.	6147 Columbia Ave.	Philadelphia 31
Brislin, Mae C.	254 W. Haines St.	Philadelphia 44
Brose, Mrs. Irma Massa	226 Monessen Highway	Monessen
Bucher, Sara K.	610 East Lemon	Lancaster
BuDres, Mary-James E.	19 East 12th	Linden, N. J.
Butterworth, Lt. Ann M. ANC, 789295		Elgin Field, Fla.
Caldwell, Esther C.	South Side Hospital	Pittsburgh 3
Campbell, Clara B.	324 Olive St.	McKeesport
Carpenter, Lena M.	1015 Wyoming Ave.	Exeter
Casey, Miss Josephine D.	Fitzgerald-Mercy Hospital	Darby
Chapman, Mrs. Mildred K.	1833 Mt. Vernon St.	Philadelphia 30
Cichowic, Mary	St. Joseph's Hospital	Reading
Ciszek, Florence S.	102 W. Laurel St.	Shenandoah
Clancy, Lt. Eileen E.	[redacted]	Overseas
Clarke, Lt. Gertrude R.	c/o Mrs. Gertrude Clarke 6511 New Jersey Ave.	Wildwood, N. J.
Clemens, Kathryn W.	Turner Apt., No. 21	Glenolden
Coldren, Mary E.	204 East New St.	Lancaster
Coldsmith, Vernoll M.	Chambersburgh Hospital	Chambersburgh
Colker, Lt. Esther, ANC		Overseas
Cool, Mary E.	West Penn Hospital 4900 Friendship Ave.	Pittsburgh 13
Conte, Louise A.	409 North Prospect St.	Connellsville
Costello, Ella T.	Montefiore Hospital	Pittsburgh 13
Crawley, Stella M.	637 Indiana Ave.	Glassport
Cynkar, Amelia B.	Presbyterian Hospital	Pittsburgh
†Davies, Lt. Marian	[redacted]	Overseas
Davis, Elizabeth M.	Palmerton Hospital	Palmerton
Davis, Mrs. Hester V. P.	Germantown Hospital	Philadelphia 44
DeBoard, Annabelle W.	119 Edgehill Ave.	West Grove
Degutis, Margaret M.	Pottsville State Hospital	Pottsville
Deily, Frances	122 E. Durham St., Mt. Airy	Philadelphia 19

Dennis, Martha C.	St. Luke's Hospital	Bethlehem
de Smith, Mrs. Rosalie F.	40 West Main St.	Ridgway
Dibert, Helen L.	803 Willow	Altoona
Dlugach, Anne	1702 67th Ave.	Philadelphia 26
Donovan, Rose G.	337 Muir Ave.	Hazletown
Dougherty, Gertrude	520 McCrea Ave.	Donora
Dowling, Mrs. Ruth C.	348 S. Pacific Ave.	Pittsburgh 24
Drehmer, Mrs. Mary M.	15 Walker Ave.	Bradford
Dreibelbies, Mrs. Carrie	Conemaugh Valley Hospital	Johnstown
Duffy, Mrs. Madeline	200 Miller St.	Latrobe
Dunseith, Mrs. Sara S.	412 Crescent Ave.	Ellwood City
Egan, Mrs. Ora T.	1010 Kerlin St.	Chester
Emerick, Ida McK.	Rochester General Hospital	Rochester
⚑Engle, Ensign Ora M.		Overseas
Everett, Elsie M.	R. D. No. 2	Shickshinny
Ezbicki, Lydia Y.	551 Roxborough Ave.	Philadelphia 28
Ferary, Gloria A.	River Avenue	Masontown
Flory, Mrs. Rose M.	1325 Cheves Place	Lancaster
Freeland, Mrs. Eva F.	453 Bowlby St.	Waynesburg
Fujomoto, Edna K.	Pennsylvania Hospital	Philadelphia
Fulton, Faye L.	Methodist Episcopal Hospital	Philadelphia 48
Gagliardi, Katherine F.	1523 S. Broad St.	Philadelphia
Gans, Frances N.	Fayette Avenue	Point Marion
Garvey, Helen R.	St. Francis Hospital	Pittsburgh 1
Gaumer, Mrs. Miriam S.	202 Twining Road	Oreland
Geesaman, Alta I.	St. Agnes Hospital	Philadelphia 45
Gegg, Agnes	520 S. Shippen	Lancaster
George, Rebekah W.	905 Beaver St.	Sewickley
Giffen, Margaret M.	Women's Hospital	Pittsburgh 13
Giron, Mrs. Virginia E.	739 Center Ave.	No. Charleroi
Glenn, Marie G.	20 Long Ave.	Dubois
Glick, Marie		Mountville
Glinz, Mrs. Mary J.	301 Edge Hill Road	Ardsley
#Goodell, Mrs. Ruth L.	c/o J. C. McCarthy Lititz Pike, Route 3	Lancaster
Grant, Anna K.	Connellsville Hospital	Connellsville
Gray, Florence J.	847 Climax St.	Pittsburgh
Greaves, Elizabeth	1812 Spruce St.	Philadelphia 3
#Grissinger, Mrs. Loretta A.	"Woodbine," Route 53	Somerset
Guthrie, Mrs. Mary K.	2618 S. Appel St., Rt. No. 2	Allentown
Hackbarth, R. Darlene	404 Georgetown Rd.	Carney's Point, N. J.
Hagenbach, Beatrice	Maple Avenue Hospital	DuBois
Hamilton, Mary K.	425 First Ave.	Altoona
Hamm, Ethel Moore	R. D. No. 1	York
Hammond, Mrs. Theresa A.	7536 E. Tulpehocken St.	Philadelphia 38
Hardes, Mary L.	804 N. Main	Port Allegany
Harley, Mrs. Myrtle L.	119 North St.	Bloomsburg
Harrison, Jean E.	Charleroi Monessen Hospital Lock 4	Stoneboro
Hartenstein, Mrs. Jessie M.	925 N. 63rd St.	Philadelphia 31
Hastings, Mildred E.	1818 Lombard St.	Philadelphia 46
Hebert, Ethelyn E.	c/o Miss Viola Green 819 E. Alleghany Ave.	Philadelphia 34
Heffernan, Mrs. Anna C. B.	98 N. Grant St.	Wilkes-Barre
Hendricks, Martha L.	132 Charles St.	Wilkes-Barre
Herzer, Olive	147 Church Ave.	Ephrata
Heydt, Mrs. Rebecca M.	145 S. Washington St.	Boyertown
Hinterleiter, Mary G.	224 N. 17th St.	Allentown
Hobein, Mrs. Margaret	Montefiore Hospital	Pittsburgh 13
Hoffman, Mabel G.	Route No. 1	Gormania, W. Va.
⚑Hoover, Lt. Clara M., ANC	Regional Hospital, 1322 S.U.	Ft. Meade, Md.
Hoover, Harriet A.	Geisinger Memorial Hospital	Danville

Horvantincic, Josephine	1821 Carson St.	Pittsburgh 3
Hough, Loretta A.	Westmoreland Hospital	Greensburg
Howe, Evelyn I.	86 S. Morris St.	Waynesburg
Hug, Mildred B.	Philadelphia Hospital	Philadelphia 7
⚑Huneke, Ens. Winifred H.	4332 N. 7th St.	Philadelphia 40
Hunter, Bessie F.	Pottstown General Hospital	Pottstown
Hurley, Agnes Henriette	Lemos B. Warne Hospital 207 Mahantonga St.	Pottsville
Ichter, Jean E.	12 Ledgemore St.	Burlington, Vt.
Ilacqua, Mrs. Margaret	180 Green Lane, Roxborough	Philadelphia 27
#Jackson, Mrs. Sara E.	Apt 4E, Sheldon Park	Tarentum
Jacobs, Mrs. Grace M.	427 Laura St.	Philipsburg
Jacobson, Mrs. Catherine E.	460 William St.	Williamsport
Jarvis, Mary E.	Eye & Ear Hosp., 230 Lothrop	Pittsburgh 13
Jenkins, Anna T.	State Hospital	Ashland
Johnson, Ruth A.	Street Road	Southampton
Jones, Katherine	Elizabeth Steele Magee Hosp.	Pittsburgh 13
Jones, Verona M.	Uniontown Hospital	Uniontown
Joyce, Alice M.	2730 Colliery Ave.	Minooka
Karns, Irene	100 S. Pittsburgh St.	S. Connellsville
⚑Katterhenry, Lt. Matilda	Valley Forge Gen'l Hospital	Phoenixville
Kehrli, Lillian K.	Robert Packer Hospital	Sayre
Kelly, Mrs. Alice D.	49 East Hoyt	Kingston
Kelly, Catherine E.	Eye & Ear Hospital	Pittsburgh 13
Kenney, Ellen	235 Nichols	Pottsville
⚑Kimmel, Lt. Edith M.		Orwigsburg
King, Madeleine M.	844 Park Ave.	Meadville
Kissell, Esther M.	R. D. No. 1, Box 95	Jersey Shore
⚑Klanavage, Lt. Violet, ANC	Station Hospital, Camp Luna	Las Vegas, N. Mex.
Knipper, Margaret E.	327 West Ridge St.	Lansford
⚑Kopec, Ensign Pauline A.	U. S. Naval Hospital	New River, N. Car.
Kramlich, R. Margaret	3804 Chestnut St.	Philadelphia 4
Krause, Helen C.	1415 W. Westmoreland St.	Philadelphia 40
Laderer, Mrs. Genevieve B.	3829 Albemarle Ave.	Drexel Hill
Lamberson, Alice M.	Lankenau Hospital	Philadelphia 30
Landis, Dorothy R.	Episcopal Hospital	Philadelphia
Lane, Margaret M.	6921 Saybrook Ave.	Philadelphia 42
Lansberry, Geraldine W.	1010 Allegheny St.	Jersey Shore
Leidy, Mrs. Albertine R.	719 Harrison Ave.	Ardsley
Leiter, Mrs. Mary E.	53 N. Broad St.	Waynesboro
Lewis, Mrs. Frances W.	c/o W. S. Wolak, 237 S. Millvale Ave.	Pittsburgh 24
Lewis, Hazel M.	1818 Lombard St.	Philadelphia 46
Liechti, Selma	414 Bluff St.	Cannonsburg
Light, Dorothy O.	115 S. Railroad St.	Hummelstown
Linkus, Marie M.	1646 W. Lynn St.	Shamokin
Lockwood, Mrs. Yolanda G.	214 Montmorencie Ave.	Ridgway
#Long, Mrs. Elsie O.	613 Taylor St.	Lewisburg
Lorenzi, Della M.	First Avenue	New Eagle
Lucas, Clare B.	1203 Sycamore St.	Connellsville
Lucas, Clara E.	R. D. No. 1	Lewistown
Lutz, Bertha M.	5918 N. Park Ave.	Philadelphia 41
Machusak, Anne	111 Melrose St.	Keiser
Maeder, B. Elizabeth	1829 Davidson St.	Aliquippa
Maffley, Mary C.	3 E. Wallace Ave.	New Castle
Maietta, Priscilla D.	130 Anderson St.	Curwensville
⚑Mansfield, Lt. Mary Dora		Overseas
⚑Margison, Ensign Mathilda		Overseas
Mariella, Mrs. Miriam	216 N. Monroe St.	Titusville
Marx, Margaret Mary	44 Somerset St., Mt. Oliver	Pittsburgh 10
Mauk, Mrs. Ruth S.	516 Walnut St.	Roaring Spring
Mavri, Katherine A.	Bryn Mawr Hospital	Bryn Mawr
Mayer, Amelia	Shadyside Hospital	Pittsburgh 6

McAuliffe, Mrs. Marianne	1540 Mohican St.	Philadelphia 38
McCabe, Margaret		Defiance
#McCallum, Mrs. Elva	Stratford Court Apts 58 N. Lansdowne Ave.	Lansdowne
McCann, Isabella J.	3539 N. 19th St.	Philadelphia
McCarthy, Mrs. R. G.	5044 Chestnut St.	Philadelphia 39
McClain, Mary C.	1228 Walnut St.	Hollidaysburg
McFate, Isabel	Elizabeth Steele Magee Hosp.	Pittsburgh 13
McGeary, Mary V.	438 Maple St.	Jenkintown
McGoogan, Ens. Eleanor J. USNR	U. S. Naval Hospital	Mare Island, Calif.
McKenzie, Rita	Presbyterian Hospital	Pittsburgh
McKeon, Mrs. Pearl	92 Elizabeth St.	Wilkes-Barre
McLaughlin, Mrs. Florence	646 Coleman Ave.	Johnstown
McLaughlin, Lucille C.	Warren General Hospital	Warren
#McNary, Mrs. Helen B.	121 Ridge Ave.	Washington
Meighan, Regina M.	27 St. Mary's Road	Wilkes-Barre
Meiser, Maria A.	554 Duke St.	Lancaster
Meszaras, Rose	R. D. No. 1	Hellertown
Metz, Mrs. Iva B.	Box 22	Sutersville
Mifflin, Mrs. Della L.	25 W. Hinckley Ave.	Ridley Park
Millard, Elizabeth J.	Hershey Hospital	Hershey
Miller, Lt. Emma A., ANC		Overseas
Miller, Zella C.	228 W. Sheridan Ave.	New Castle
Monske, 2nd Lt. Freda L.		Overseas
Montgomery, Ens. Mary L.	917 Ross Ave.	Wilkinsburg
Moore, Lt. Margaret A.		Overseas
Moore, Mrs. Mary J.	226 W. Brady St.	Butler
Moore, Rae E.	Valley Hospital	Sewickley
Morrison, Jessie M.	10 Garrison Road, Parkside	Chester
†Mowery, Lt. Betty E., ANC		Overseas
Mull, Anna	Alleghany General Hospital	Pittsburgh
Muren, Mrs. Frances R.	312 Elm St.	Sharon
Nesbit, Mrs. Katharine	St. Margaret Memorial Hosp.	Pittsburgh 1
Newcomer, Lt. Margaret J.		Overseas
Newcomer, Maude	5230 Centre Ave.	Pittsburgh
Norwood, Lt. Kathryn R.		Overseas
Nycum, Erma W.	Bedford St.	Newry
O'Harra, Marian		Swiftwater
Palco, Anne J.	Delaware County Hospital	Drexel Hill
Palsa, Agnes A.	212 18th Ave.	Homestead
Parker, Mrs. Pearl A.	2107 16th St.	Beaver Falls
Passmore, Lt. Ruby G., ANC		Overseas
Patterson, Lt. Mary A.		Overseas
Peck, Mrs. Esther A.	1027 Delaware Rd.	Bethlehem
Peterson, Esther E.		Paoli
Petraitis, Capt. Martha C.		Overseas
Pharo, Mrs. Mary M.	431 Patton St.	Wilmerding
Plowman, Lt. Katharine		Overseas
Pnellie, Lena M.		Dagus Mines
Popelas, Anna	537 Seventh Ave.	W. Homestead
Powell, Dora E.	Taylor Hospital	Ridley Park
Prinz, Harriet D.	2027 Mt. Vernon St.	Philadelphia
Provost, Mrs. Florence E.	237 Welsh Ave.	Wilmerding
Rahn, Margaret R.	Jeanes Hospital	Philadelphia 11
Ramo, Mrs. Julia Y.	Box 177	Marianna
Rausch, Inez R.	Jameson Memorial Hospital	New Castle
Ray, Mary M.	Butler Co. Memorial Hospital	Butler
Redelberger, Edith K.	1512 Louden St.	Philadelphia 47
Reese, Elizabeth M.	Delaware County Hospital	Drexel Hill
Regan, Jean C.	St. Agnes Hosp., 1900 S. Broad	Philadelphia 41
Reichardt, Mrs. Edith D.	2118 Allen St.	Allentown
Reitnour, Doris E.	R. D. No. 1	Spring City
Richter, Leola M.	Presbyterian Hospital	Pittsburgh 13
Ritzert, Mildred	Eye & Ear Hospital	Pittsburgh 13

Roenbaugh, Mary A.	West Penn Hospital 4900 Friendship Ave.	Pittsburgh 13
Rogus, Helen	Centre County Hospital	Bellefonte
Rose, Anna M.	St. Margaret's Memorial Hosp. 265 46th St.	Pittsburgh 1
Salomon, Miss Hilda R. Life Member, A.A.N.A.	Jewish Hospital	Philadelphia 41
#Schott, Mrs. Marjorie E.	35 Lincoln Drive	Duquesne
#Schramm, Mrs. Naomi	1621 Fourth St.	New Brighton
Schreder, Mrs. Eva S.	437 New Holland Ave.	Lancaster
Schrepel, Mary A.	Jameson Memorial Hospital	New Castle
⚑Schwab, 2nd Lt. Florence		Overseas
Scott, Lora E.	Robert Packer Hospital	Sayre
#Seidel, Mrs. Margaret Knill	1509 Palm St.	Reading
⚑Sentner, Lt. Mary F.	4801 Pine St.	Philadelphia
Shaffer, Mrs. Charlotte M.	609 Jefferson Ave.	Ellwood City
*Shaughnessy, Helen C.	Doctors Hospital	Philadelphia 3
Shaw, Lois E.	Mercy Hospital	Pittsburgh
Sherlock, Winifred M.	191 W. Godfrey Ave.	Philadelphia
Shively, Janet H.	29 W. Washington St.	Bradford
Shoemaker, Marguerite E.	Shadyside Hospital	Pittsburgh 6
Sisson, Daisy	St. Luke's Hospital	Bethlehem
Sr. Marie Stephen	Roselia Maternity Hospital	Pittsburgh 19
Sr. M. Alacoque	2117 Carson St.	Pittsburgh 3
Sr. M. Albert Yates	St. Vincent's Hospital	Erie
Sr. M. Alexis Morrisey	Misericordia Hospital	Philadelphia 43
Sr. M. Apollonia Schwartz	P. O. Box 118	Perrysville
Sr. M. Audry Wagner	St. Vincent's Hospital	Erie
Sr. M. Benildis Schumm	St. Joseph's Hospital	Lancaster
Sr. M. Bonosa	Sacred Heart Hospital	Allentown
Sr. M. Camilla Wolotkiewicz	St. Mary's Hospital	McKeesport
Sr. M. Clarence	Mercy Hospital	Altoona
Sr. M. Clodwiga Plum	Sacred Heart Hospital	Norristown
Sr. M. Constance Mikucka	Ohio Valley Hospital	McKees Rocks
Sr. M. Dacia	Sacred Heart Hospital	Allentown
Sr. M. deLellis	Misericordia Hospital 54th & Cedar Ave.	Philadelphia 43
Sr. M. Grace King	Mercy Hosp., 1020 Franklin St.	Johnstown
Sr. M. Helmfried	Sacred Heart Hospital	Allentown
Sr. M. Jerome Patton	Misericordia Hospital	Philadelphia 43
Sr. M. Leandra	Sacred Heart Hospital	Norristown
Sr. M. Lucian Gul	Nazareth Hospital	Philadelphia 15
Sr. M. Lucy Fey	Andrew Kaul Memorial Hosp.	St. Mary's
Sr. M. Marceliana Myszkowska	Nazareth Hospital	Philadelphia 15
Sr. M. Mercedes Haley	St. Joseph's Hospital	Pittsburgh 3
Sr. M. Pulcheria, M.S.C.	Sacred Heart Hospital	Allentown
Sr. M. Rosemary Balazek	Sacred Heart Hospital	Norristown
Sr. M. St. Robert Bogle	St. Mary's Hospital	Philadelphia 25
Sr. M. Sebastian Derloni	DuBois Hospital	DuBois
Sr. M. Theodefrida, M.S.C.	A. C. Milliken Hospital	Pottsville
Sr. M. Theodore Hale	3339 McClure Ave.	Pittsburgh 12
Sr. M. Tigrida Poetter	Sacred Heart Hospital	Allentown
Sr. M. Wilfrida	Mt. Trexler Sanatorium	Limeport
Sr. M. William Opfermann	St. John's Hosp., 3339 McClure	Pittsburgh 12
Smith, Mrs. Margaret E.	Box 241	Emporium
Sopko, Theresa	Hosp. of Protestant Episcopal Church, Front & Lehigh	Philadelphia 25
South, Genevieve A.	115 Meridan Ave.	Mt. Washington
Stiffey, Mrs. Helen J.	113 North 1st	Duquesne
Storm, Mary C.	Rt. No. 1	Chicora
Sunderland, Mrs. Sue	169 Jefferson Ave.	Sharon
Suter, Magdalene	Girard College Infirmary	Philadelphia 30
†⚑Taglieber, Lt. Mabel, ANC		Overseas
Thomas, Anna	Wilkes Barre General Hosp.	Wilkes Barre

⚑Trupp, Lt. Therese C.	2844 N. Park Ave.	Philadelphia
†⚑Turner, Lt. Lillian M.	2517 Bowman Ave.	McKeesport
Ulshafer, Nellie M.	301 E. Chapel St.	Hazleton
⚑Van Aux, Caroline	830 California Way P. O. Box 256	Wahiawa Oahu, Hawaii
VanderBurgh, Geraldine G.	Williamsport Hospital	Williamsport
Vichules, Gussie E.	3307 Ainslie St.	Philadelphia
Vogel, Adelinda A.	227 Grant Ave.	Millvale
Vogt, Adeline E.		Appleton, Wis.
Wagner, Florence E.	Pennsylvania Hospital	Philadelphia 7
Walker, Dorothy E.	505 Ninth St.	Altoona
**Walker, Mrs. Helen Young	1824 Wallace St.	Philadelphia 30
Waller, Grace P.	Bloomsburg Hospital	Bloomsburg
Wandell, Eloise P.	Mercy Hospital	Wilkes Barre
Wasserman, Mrs. Jeanette	441 Wigard Ave.	Philadelphia 28
Way, Isabel M.	Chestnut Hill Hospital	Philadelphia 18
⚑Weidman, Lt. Beatrice A. ANC-N794409	Regional Hospital	Ft. Meade, Md.
Wells, Mary D.	Lemos B. Warne Hospital 207 Mahantonga St.	Pottsville
West, Louise J.	Phildelphia General Hospital 34th St. & Curie Ave.	Philadelphia 4
Whitman, Irene	Frankford Hosp., Frankford	Philadelphia 24
#Widmeyer, Mrs. Ruth B.		Marion Center
Wildrick, Mrs. Laura E.	Robert Packer Hospital	Sayre
#Wilkie, Mrs. Rosemary W.	R. F. D. No. 3	New Castle
Williams, Grace	Allegheny General Hospital	Pittsburgh
Witmyre, Mrs. Mildred W.	Harrisburg Hospital	Harrisburg
Wolak, Stella M.	Henry Clay Frick Mem. Hosp.	Mt. Pleasant
Wright, Dorothy E.	Mt. Sinai Hospital	Philadelphia 47
Yerger, M. Sylvania	505 Palmer Ave.	Patton
⚑Zack, Lt. Emily E., ANC		Overseas
Zeiser, Miss Katherine	Greene County Mem'l Hosp.	Waynesburg
#Zimmer, Miss Martha G.	Medical Center	Tucson, Ariz.
Zogas, Miss Agnes S.	512 Lowell St.	Vandergrift
Zorger, Miss Ada C.	Clinton County	Lamar

RHODE ISLAND

⚑Boylan, Lt. Constance E.	U. S. Naval Hospital	Oakland, Calif.
Collins, Agnes G.	126 Laurel Ave.	Providence 6
#Kennedy, Mrs. Doris D.	26 Tyndall Ave.	Providence
†⚑Weinberger, Lt. Berte A.	c/oMrs. J. B. Howard Tall Oaks Drive	Summit, N. J.

SOUTH CAROLINA

Arndt, Helen E.	Columbia Hospital	Columbia 59
Cain, Leota B.	Greenville General Hospital	Greenville
Cotten, Mrs. Eliza H.	239 Calhoun St.	Charleston 17
Donnan, Jane	2813 Drayton St.	Columbia 60
Floyd, Emma B.	Tri-County Hospital	Orangeburg
Hall, Martha A.	3 W. Calhoun St.	Orangeburg
Hinnant, Mary F.	1427 Pickens St.	Columbia 33
Holden, Ida C.	1722 Fair St.	Camden
Jenkins, Mrs. Dorothea S.	c/o Jas. D. Shepard	Edgefield
Lunsford, Sara K.	121 College St.	Spartanburg
MacPhee, Mrs. Katherine D.	19 West East St.	Greenville
⚑Pacini, Lt. Ruth F.	ASF Regional Hospital	Columbia
Sr. M. Augustine McInerny	St. Francis Xavier Infirmary	Charleston 16
Verner, Lucy P.	1419 Bull St.	Columbia 29
⚑Younger, Lt. Mary A., ANC	ASF Regional Hospital	Fort Jackson

SOUTH DAKOTA

Forsch, Martha C.		Herrick
Hanson, Ruth L.	Black Hills General Hospital	Rapid City
Haugan, Mrs. Eldred C.	1308 W. 18th St.	Sioux Falls
#Hoffman, Edna L.	6½ W. Kemp St.	Watertown
Horn, Evelyn Grace	905 N. Park St.	Watertown
Reagan, Genevieve	Sioux Valley Hospital	Sioux Falls
Scheidt, Elizabeth M.	St. Luke's Hospital	Aberdeen
Sr. M. Camillus Shealy	McKennan Hospital	Sioux Falls
Sr. M. Carmelline Gorska	Hoven Municipal Hospital	Hoven
Sr. M. Donata Bentele	Sacred Heart Hospital	Yankton
Sr. M. Elizabeth Seman	St. John's Hospital	Rapid City
Sr. Mary Luke	McKennan Hospital	Sioux Falls
Sr. M. Magna Henggeler	St. Mary's Hospital	Pierre
Sr. M. Richard	St. Joseph's Hospital	Mitchell
Sr. M. Rose McCormick	St. Luke's Hospital	Aberdeen
Sr. M. Simon Oberembt	Mother of Grace Hospital	Gregory
Sr. Teresa Frangella	St. Bernard's Providence Hosp.	Milbank
Sr. M. Vita	St. Mary's Hospital	Pierre

TENNESSEE

Alexander, Mrs. Etoile	Vanderbilt University Hosp.	Nashville 5
Alexander, Mrs. Irene C.	1863 Cowden Ave.	Memphis
Arnett, Frankie	Baptist Memorial Hospital	Memphis 3
#Baxter, Ethel	520 N. McNeil St.	Memphis 11
⚑Beers, Grace M.	521 Center St.	E. Mauch Chunk, Pa.
Belew, Martha P.	Baptist Hospital	Memphis
Bieberdorf, Bertha	Baroness Erlanger Hospital	Chattanooga 3
Bralley, Belva B.	H.V.C. Hospital	Kingsport
Brown, Mrs. Corrie B.	Rutherford Hospital	Murfreesboro
Bryant, Nettie M.	1634 Euclid Ave.	Memphis 4
⚑Buck, Lt. Emma Linning	Thayer General Hospital	Nashville
Cirrito, Mrs. Sophie E.	U. S. Marine Hospital	Memphis 5
Clarke, Ora L.	1923 State St.	Nashville 3
Cook, Mrs. Elna Z.	1009 Stonewall	Memphis 7
#Cooper, Mrs. Helen Cooke	Route 2	Morristown
Crabtree, Miss Willie C.	500 W. Seventh St.	Columbia
#Creson, Mrs. Mazie L.	2221 Central Ave.	Memphis 4
Crockett, Mrs. Thelma Mae	108 S. 16th St.	Nashville
Daffin, Mrs. Dorothy LaRue	16 N. Camilla	Memphis 7
⚑DeLaoch, Ensign Mary T.	U. S. Naval Hospital	Jacksonville, Fla.
⚑Dill, Capt. Lelia B., N-743811		Overseas
Dixon, Irene	23 S. Claybrook	Memphis 4
Drewry, Mrs. Iris K.	615 W. 7th St.	Columbia
Ebbs, Dorothy	510 Fortwood Place	Chattanooga 3
⚑Epps, Lt. Berenice E., ANC N-763854	Station Hospital	Camp Mackall, N. Car.
Field, Mrs. Nellie Caldwell	12 S. Bellevue St.	Memphis 4
Fink, Jewelle C.	1989 Madison Ave.	Memphis 4
**Hanna, Mrs. Elaine R.	45 S. Barksdale	Memphis
Harrison, Mrs. Alberta M.	1065 Eastmoreland	Memphis 4
Hawne, Ruthie	241 S. Cleveland St., Apt 27	Memphis 4
Hill, Mrs. Lucille K.	1101 Kyle	Memphis 6
Hobson, Archie D.	Box 1465	Knoxville 9
Holland, Zelia C.	3540 Powell Ave.	Memphis 12
Houser, Mrs. Jennie	John Gaston Hospital	Memphis
Janes, Doris Sue	1317 E. Moreland St., Apt 8	Memphis 4
Jarrell, Frankie B.	Apt. 33, W. Church Fort Sanders Manor	Knoxville 16

#Jefferson, Mrs. Frances M.	853 Glenn St.	Nashville
Johnson, Lt. Arlin S., ANC N-727799		Overseas
Johnson, Mrs. Mary S.	Methodist Hospital	Memphis
Jones, Mrs. Isobel	3524 Murphy Road	Nashville 5
Kittle, Lt. Nancy, ANC		Overseas
Klee, Lt. Eleanor	Schick General Hospital	Clinton, Ia.
Knowlton, Mrs. Mary L.	Oak Ridge Hosp., Box 338	Oakridge
Larkin, Mrs. Ann L.	Haywood Co. Memorial Hosp.	Brownsville
Little, Alice	1317 Eastmoreland	Memphis 4
Madden, Mrs. Pearl L.	2307 E. Fifth Ave.	Knoxville
Malone, Mrs. Ruth F.	2908 Dudley Ave.	Nashville 5
McAfee, Harriet	Harriman Hospital	Harriman
McCue, Mary E.	Baptist Hospital	Memphis 3
McElroy, Lt. Mary Jean	Station Hospital	Camp Butner, N. C.
McGuire, Mrs. Viola R.	323 N. Front St.	Rockwood
McKee, Lt. Helen K.		Overseas
McNeill, Lillie	1909 West End Ave.	Nashville 4
McSwain, Mrs. Vivian K.	702 N. Poplar St.	Paris
Mehearg, Ida R.	Nashville General Hospital	Nashville 10
Miller, Mrs. Rebecca H.	3785 Spottwood St.	Memphis
Milligan, Mary	116 20th Ave., S.	Nashville
Minear, Mrs. Bergitte B.	12 S. Bellevue	Memphis 3
Moulder, Mrs. Sara	406 Doctors' Bldg.	Nashville 3
Mullin, Willie M.	St. Joseph's Hospital	Memphis 7
Murphy, Mrs. Dorothy P.	449 N. McNeil St.	Memphis 12
Nisbet, E. Lois	889 Monroe Ave.	Memphis 3
O'Brien, Jean	869 Madison Ave.	Memphis 3
O'Kelley, Gertrude	1287 Eastmoreland	Memphis 4
Owen, Lt. Juanita H., ANC		Overseas
Pitsillides, Mrs. Louise G.	67 B. Elizabeth Road	Hampton, Va.
Russell, Mrs. Mabel	2663 Union Ave.	Memphis 4
Schmitt, Mrs. Sadie F.	1030 18th Ave., S.	Nashville 4
Schwab, Mrs. Dorothy W.	225 Island Home Blvd.	Knoxville 15
Seip, Lt. Elsie I., ANC, N-727511	Regional Hospital	Fort McClellan, Ala.
Sellers, Lt. (jg) Ethel, NC	Naval Air Station Naval Dispensary, Box 41	Miami, Fla.
Shaver, Mrs. Elvie M.	1515 Waverly Road	Kingsport
Shenep, Mrs. Jimmie Terry	980 Saxon Ave.	Memphis
Shoaf, Jeanne VanMatre	Margarita Hospital	Margarita, C. Z. Panama
Sims, Alice M.	1301 Eastmoreland	Memphis 4
Sr. Estelle Helwick	St. Thomas Hospital	Nashville 4
Smith, Mrs. Louise T.	c/o Mrs. Ada Herr, 2683 Lowell	Memphis
Stewart, Lt. Frances V.		Overseas
Stitt, Sybil G. (Mrs.)	1273 Eastmoreland	Memphis 4
*Sullivan, Mrs. Alberta K.	48 S. Diana St	Memphis 4
Thorson, Gladys	Box 388, Oak Ridge Hospital	Oak Ridge
Trail, Mrs. Theresa W.	615 N. Willett St.	Memphis 7
Troster, Mrs. Gertrude A.	654 Stonewall Place	Memphis 7
Underwood, Dolly	St. Joseph's Hospital	Memphis 7
Vickers, Hattie	1914 Grand Ave.	Nashville 4
Vincent, Nelle G.	Oak Ridge Hospital	Oak Ridge
Walker, Mrs. Mary H.	Hillcrest Drive	Madison
Waller, Sarah H.	Apt. 33, Ft. Sanders Manor	Knoxville 16
Wenger, Lt. Virginia, ANC N-727778		Overseas
White, Mrs. Waverlyn W.	103 E. Lafayette Circle	Memphis 11
Williams, Jennie F.	Baptist Hospital	Memphis 3
Wroten, Monette	30 S. Bellevue St.	Memphis
Yelvington, Gladys	St. Joseph Hospital	Memphis 7

TEXAS

Alexander, Mrs. Kay Moate	Box 168	Mission Beach, Calif. (temp)
⚑Alvey, Ens. Zelma E.	U. S. Naval Hospital	Bethesda, Md.
Anderson, Adelia M.	1312 Main St.	Lubbock
Armstrong, Jessie	State Home Hospital	Corsicana
Baker, Mrs. Gertrude M.	c/o Baker Ranch	Fort Stockton
⚑Barber, Lt. Dorothy J.	Station Hosp., Pine Bluff	Pine Bluff, Ark.
#Barker, Mrs. Ola O.	Box 2203	Ft. Worth 1
Battle, Ruby M.	1204 S. 3rd St.	Temple
Behrns, Mrs. Ida M.	Heights Hospital	Houston 8
Belfi, Mrs. Dell M.	711 S. 3rd St.	Temple
Blackwell, Billie J.	Box 946	Memphis
Blake, Lucille F.	5535 Goodwin	Dallas
Blakemore, Eva M.	701 Fairmont St.	Amarillo
Blickendorfer, Ann	4824 S. Main Ave., Apt. 5	Houston 4
Bohls, Annie F.	902 S. 11th St.	Temple
Bolton, Mrs. Ella J.	3612 Swiss	Dallas
Bowen, Mrs. Eunice	711 Warford St.	Wichita Falls
Branche, Pauline W.	Harris Mem'l Methodist Hosp.	Ft. Worth 4
Brenan, Dora L.	1204 S. 3rd St.	Temple
Brown, Mrs. Asille		
Browne, Evelyn H.	234 W. Beauregard	San Angelo
Buckner, Mrs. Margaret	1004 E. 44th St.	Austin 22
Cable, Marcella A.	2802 Bagby, Apt. 1	Houston
Cade, Mrs. Dorothy H.	4140 University	Dallas
Canady, Mrs. Thelma F.	Box 1556, University Station	Austin 12
Cart, Ruby M.		
Childress, Mrs. H. H.	2646 Fourth St.	Port Arthur
**Childress, Mrs. Jack K.	512 Mayborn Dr.	Temple
⚑Clark, Capt. Mildred I.	Ashburn General Hospital	McKinney
Coester, Mrs. Mary S.	416 Bashford Lane	Alexandria, La. (temp)
#Cole, Mrs. Willie Fay	912 N.W. 41st St.	Oklahoma City, Okla.
Compton, Mrs. Jessie L.	702 Winston St.	Dallas 8
Cox, Florence	Methodist Hospital	Ft. Worth 4
Cress, Mary E.		Atlanta
Crossley, Mrs. Helen P.	3206 Princeton Ave.	Dallas 5
Cuellar, Marguarite C.	513 E. Lovett St.	Edinburg
Davidson, Mrs. Nelle J.	2016 Pulliam	San Angelo
Davis, Clara F.	2400 Coggin Ave.	Brownwood
DeLay, Martha	215 Bonham	Paris
Denison, Grace	1619 Ninth St.	Wichita Falls
⚑Didner, Lt. Helen		Overseas
Dodson, Dorothy A.	3219 Maple	Dallas
Drucke, Cliffie B.	2111 Colcord Ave.	Waco
Dumas, Frances Ellen	Graham Hospital	Graham
Echart, Mrs. Odessa L.	5443 Belmont	Dallas 6
Ellis, Mrs. Sadie K.	803 Lamar St.	Amarillo
Ferguson, Mrs. Velma G.	Box 640, Rt. 9, Rosemont Rd.	Dallas 10
Franson, Delphine E.	c/o Mrs. Miriam Storey P. O. Box 2940	Dallas 1
Fruge, Allie M.	John Sealy Hospital	Galveston
Futch, Mrs. Virginia S.	Shannon Memorial Hospital	San Angelo
Gandy, Hellon	Route 4	Temple
Gatton, Mrs. Grace R.	923 Pennsylvania Ave.	Ft. Worth 4
Greer, Mrs. Thelma H.	7946 Groveland	Dallas 18
Grigsby, Lillian B.	Dow Hospital	Freeport
Haas, Minnie V.	1121 E. Mulkey St.	Ft. Worth 3
*Hackworth, Winnifred	1807 LaBranch	Houston 3
Hallette, Mrs. Cordelia H.	Memorial Hospital	Houston 2

Hamilton, Pvt. Mamie B.	17th Hosp. Co. WAC Depot Monroe General Hospital	Swannanoa, N. Car.
Harper, Mrs. Wealtha R.	317 N. Milton St.	San Angelo
Harris, Mrs. Frances A.	All Saints Hospital	Ft. Worth 4
Harrist, Mrs. Margaret E.	2223 B 15th St.	Lubbock
Hatfield, Mrs. Louise	1215 W. 10th St.	Amarillo
Headlee, Mrs. Marie S.	Box 3112	Odessa
Heller, Elaine	Hillcrest Hospital	Waco
Henderson, Golden B.	4813 Caroline	Houston 4
Hill, Therese	1102 Elgin	Houston
Hoadley, Dorothy M.	Harris Mem'l Methodist Hosp.	Ft. Worth 4
Hoffman, Mrs. Laura	1408 Penna. Ave.	Ft. Worth 4
Holland. Mrs. Hubert	2307 Sixth Ave.	Ft. Worth 4
Houle, Eugenie L.	1624 Frederick St.	Ft. Worth 7
Howell, Mrs. Pauline S.	Lubbock General Hospital	Lubbock
Hoyt, Gladys	2600 Hopkins St.	Houston
Hubbert, Mrs. Virginia D.	315½ Alvarado	Redlands, Calif.
Huso, Mrs. W. C.	1505 Travis	Wichita Falls
Jarman, Vesta P.	D.M.C. Hospital	Velasco
Kessler, Audrey A.	Westside Hospital	Breckenridge
Kibler, 1st Lt. Vanda L.		Overseas
King, Lt. Evelyn		Overseas
Kirven, Sarah	120 Southland Ave.	Marlin
Kosanke, Allie F.	Medical Arts Hospital	Dallas 1
Lackey, Charlotte	1502 Hall St.	Dallas 1
Lamb, Onie J.	302 N. Bolton	Jacksonville
Larkin, Eloise	Jefferson Davis Hospital	Houston
Laughlin, Doris H.	Southwestern General Hosp.	El Paso
Layer, Virginia L.	Star Rt., Box 14	Poteet
Lewis, Mrs. Nancy A.	P. O. Box 1822	El Paso
Long, Perle E.	Route 1	Forney
Luksa, Emily	c/o Drs. Brindley & Shelton	Kingsville
McAlexander, Mrs. M. B.	3703 Junius St.	Dallas 1
McCrumb, Sue W.	c/o C. F. Barnhill	Sillsbee
McDonald, Lt. Edythe		Overseas
McKinnon, Mrs. Beadie S.	6721 Wildwood	Houston 12
McLean, Mrs. Evelyn Ward	1216 E. Yandell	El Paso
Mercer, Ora Lee	3359 Parkridge	Ft. Worth 4
Middlebrook, Miss Jo	2715 West Avenue H.	Temple
Mills, Beatrice	3122 Bryan St.	Dallas
Moore, Lt. Margaret C.		Overseas
Moore, Mrs. Sallie K.	3316 Junius St.	Dallas
Moriarty, Vera	2417 Knight	Dallas 8
Morris, Maud P.	Shannon Hospital	San Angelo
Morriss, Catherine F.	2173 Avenue I, Box 325	Wichita Falls
Morse, Mrs. Lydia C.	420 W. Clay	Houston 6
Murray, Edna M.	Big Spring Hospital	Big Spring
Newman, Mattie	Penn Avenue Hospital	Ft. Worth
Owen, Pansy	1110 Tuam	Houston 4
Pate, Mrs. John W.	4518 Shoalwood	Austin
Pederson, Lt. Margory J.	410 E. 12th St.	Sweetwater
Peevy, Mrs. Eleanor R.	Hendrick Hospital	Abilene
Pettey, Fairy Ruth	2123 S. Beckley	Dallas
Rausch, Lt. (jg) Sara		Overseas
Rhodes, Sue	Memorial Hospital	Houston
Riek, Lucia L.	5217 Homer	Dallas 6
Schwartz, Mrs. Viola R.	2415 Baldwin	Houston 6
Sims, Ninetta	3917 Bryan	Dallas 4
Sr. M. Ambrose Bochenek	2006 Pease St.	Vernon
Sr. M. Remigia Koszewska	825 E. Houston St.	Tyler
Smith, Elsie A.	Box 692	Liberty
Smith, Mrs. Viola B.	2712 Windsor	Waco
Snyder, Mrs. Eva B.	607 S. 11th	Temple
Snyder, Mrs. Winnie T.	Gregg Memorial Hospital	Longview

Spear, Berniece	P. O. Box 959 Orange City Hospital	Orange
Speer, Mrs. Ruby M.	723 W. Avenue D	San Angelo
Sterling, Rena F.	Hermann Hosp. Nurses Home	Houston
Sulis, Gladys H.	Dow Hospital	Freeport
Tanner, Iris Earline	3316 Junius St.	Dallas 1
Timmerman, Rosa	2512 A Seton Ave.	Austin
Tomme, Mrs. Wincy	221½ N. E. 13th	Oklahoma City, Okla. (temp)
Torgerson, Mrs. Pauline B.		
Tuley, Mrs. Bayard	2811 Hemphill	Ft. Worth 3
Van DerSarl, Mrs. Jules	2621 Herring Ave.	Waco
Voight, Ethel Thelma	Memorial Hospital	Houston 2
⚑Warren, Capt. Grace		Overseas
Watford, Leslie	Wilson N. Jones Hospital	Sherman
Watkins, Mrs. Thelma	2606 N. Wycliff Ave.	Dallas 9
Weaver, Ruby A.	105 Hahlo St.	Houston
Webb, Alma	Baylor Hospital	Dallas
Wehring, Alvine	1159 Madison	Dallas
Willard, Dora L.	Stephenville Hospital	Stephenville
Wilson, Hulda J.	Box 17	Wink
Wisofsky, Mrs. Margery	Jefferson Davis Hospital	Houston 3
Wratten, Fola M.	Box 631	Robstown
Wright, Jean V.	Route 1, Box 436	Amarillo
Zeig, Mary	1405 W. Jefferson St.	Waxahachie
⚑Zieschang, Lt. Irene	Brooke General Hospital Nurses Quarters	Ft. Sam Houston

UTAH

Aaby, Mary	305 Third Ave.	Salt Lake City 3
Bergstrom, Mrs. Sarah H.	St. Mark's Hospital	Salt Lake City 3
Bigler, Asenath	473 "E" St.	Salt Lake City 3
Blade, Louise	117 E. 21st South	Salt Lake City 5
Bowman, Mrs. Lodema J.	1168 E. 8th St. South	Salt Lake City
*Garrison, Mayme C.	335 5th Ave.	Salt Lake City 3
Hall, Annie J.		Bountiful
Harris, Roberta J.		
⚑Keppler, Lt. Anna M., ANC	Pasadena Regional Hospital	Pasadena, Calif.
**Lee, Ellenor M.	23 S. Eighth East, No. 3	Salt Lake City
McGillivray, Mrs. Lola C.	Thomas Dee Memorial Hosp.	Ogden
Nelson, Mrs. Hazel C.	2521 Jackson Ave.	Ogden
Rasmussen, Mrs. Margaret	2228 Monroe Ave.	Ogden
Redd, Viola	2410 South 7th East	Salt Lake City 5
Rogers, Velta	Latter Day Saints Hospital	Salt Lake City
Rutledge, Mrs. Ida H.		Kaysville
⚑Sanders, Lt. Vera G.	Co. 1, Shelborne Hotel A.G. & S.F. Redistrib. Station	Miami Beach, Fla.
⚑Wansgard, Lt. Helen		Camp Robinson, Ark.

VERMONT

Dorion, Ruth H.	113 Pratt St.	Bennington
Northrup, Margaretta M.	Springfield Hospital	Springfield
Richards, Maude E.	Brattleboro Memorial Hosp.	Brattleboro
Sister Margaret Nolin	Fanny Allen Hospital	Winooski

VIRGINIA

Allison, Beatrice	Pulaski Hospital	Pulaski
Banks, Anna T.	805 Redgate Ave.	Norfolk
Behnke, Lucile R.	213 Wilkes St.	Alexandria
Bishop, Mrs. Julia	U. S. Marine Hospital	Norfolk 9
Boughton, Mrs. Nancy M.	Grace Hospital	Richmond 20

Buffey, Mary T.	2917 E. Broad St.	Richmond
Colt, Beverly R.	Arlington Hospital	Arlington
Cook, Mrs. Carrie M.	3120 St. Paul St.	Baltimore, Md.
*Copeland, Vera G.	St. Elizabeth's Hospital	Richmond
Copley, Mary P.	De Paul Hospital	Norfolk
Cox, Mrs. Marion A.	Riverside Hospital	Newport News
Darrough, Sara C.	Med. College of Virginia N9	Richmond 19
Davies, Wilhelmina J.	King's Mountain Mem'l Hosp.	Bristol
⚑Deane, Ens. Garnette A.	U. S. Marine Hospital	St. Albans, N.Y.
†⚑Dell, Ens. Vera Grace		Overseas
DeMaio, Virginia L.	De Paul Hospital	Norfolk
Dent, Mrs. Dorothy S.	Martha Jefferson Hospital	Charlottesville
Dobyns, Dora H.	Lewis Gale Hospital	Roanoke
Doss, Mrs. Julian B.	1124 Franklin Road	Roanoke
⚑Dowd, Lt. Nova J.		Overseas
Farrell, Agnes M.	St. Luke's Hospital	Richmond 20
Felgendrager, Rosena J.	Memorial Hospital	Danville
Finne, Mrs. Geraldine R.	224 Elmwood	Lynchburg
Forgie, Nancy F.	1503 Grace St.	Lynchburg
Godbey, Mrs. Lou P.	Alexandria Hospital	Alexandria
#Gordon, Mrs. Osa B.	Route 2, Box 20	Fairfax
Grine, Mary J.	Cabaniss Hall Medical College Hospital	Richmond 19
Hall, Mrs. Rosa B.	305B 72nd St.	Newport News
Hemsley, Mrs. Ada	Norfolk General Hospital	Norfolk
Horne, Mrs. Marion F.	749 Maury Pl., Apt. 11	Norfolk
Hudgins, Mrs. Clara V.	Norfolk General Hospital	Norfolk 7
Irving, Mrs. Geneva F.	Southside Community Hosp.	Farmville
Kaiser, Thelma E.	Alexandria Hospital	Alexandria
Krogstad, Lorna E.	McKim Hall, University Sta.	Charlottesville
Lawhorne, Elsie V.	Virginia Baptist Hospital	Lynchburg
Leftwich, Mrs. Gladys L.	Route 2	Bedford
Longenecker, Alice May	Stuart Circle Hospital	Richmond
Luther, Nell	Elizabeth Buxton Hospital	Newport News
Mann, Mrs. Gertrude C.	Stuart Circle Hospital	Richmond 20
Massie, Cora E.	Grace Hospital	Richmond 20
Masson, Mrs. Julia F.	Lehigh Memorial Hospital	Norfolk 7
McCoy, Pansey I.	Norfolk General Hospital	Norfolk 7
McGehee, Nancy G.	Cabaniss Hall Medical College Hospital	Richmond 19
Mears, Mrs. Esther H.	N. A. Memorial Hospital	Nassawadox
Moore, Greta	Staff Home Norfolk General Hospital	Norfolk 7
⚑Morrison, Lt. Mildred E.		Overseas
†⚑Nelson, Lt. Bernice A.		Overseas
⚑Noll, Lt. Katherine		Overseas
Ogle, Cora L.	St. Albans Sanatorium	Radford
Payne, Mrs. Minnie F.	University of Virginia Hosp.	Charlottesville
Reed, Mildred M.	Memorial Hospital	Danville
Riner, Essie F.	Radford Community Hospital	Radford
Rosencrance, Geneva L.	Cabaniss Hall	Richmond 19
Rudkin, Margaret F.	Johnston Memorial Hospital	Abingdon
Rush, Mrs. Martha E.	Winchester Memorial Hospital	Winchester
Sadowski, Blanche	Alexandria Hospital	Alexandria
Saunders, Mrs. Lorene G.	College St.	Bedford
Schaefer, Mrs. Ruth E.	Box 3295, Kleberg Sta.	Corpus Christi, Texas
Schoch, Icie A.	Alexandria Hospital	Alexandria
Scott, Georgia C.	Lewis-Gale Hospital	Roanoke 11
Sr. Zoe Kelley	Hosp. of St. Vincent de Paul	Norfolk 5
⚑Smith, Lt. Galeta H.	Camp Pickett	Blackstone
Thornhill, Mrs. Jessie F.	Riverside Hospital	Newport News
Wells, Mrs. Hazel B.	Dixie Hospital	Hampton
Whitmer, Nora	Roanoke City Hospital	Roanoke 4

**Wilson, Beatrice H.	123 McKim Hall Univ. of Virginia Hospital	Charlottesville
Witmer, Mrs. Elizabeth D.	Alexandria Hospital	Alexandria

WASHINGTON

Anderson, Mrs. Louise S.	232 S. 70th St.	Tacoma 5
Andrews, Pearl	Box 1846, Rt. No. 4	Everett
Beane, Verla Rebekah	701 S. Grant Ave.	Tacoma
Bell, Mrs. Veronica F.	Route 2, Box 2	Raymond
Borgardts, Mrs. Katherine	E. 1028 Bridgeport	Spokane 13
Boudreau, Marian E.	417 E. Union, Apt 211	Seattle 1
Butler, Mrs. Mae D.	111 W. 29th St.	Spokane 9
Button, Mrs. Henrietta S.	Box 143AA, Rt. 6	Tacoma
Chapman, Sylvia M.	1719 E. Spring, No. 301	Seattle 22
Clayton, Mrs. Lillian B.	2814 Dover St.	Longview
Cotton, Dorothy	Northern Permanente Foun.	Vancouver
Crawford, Allie M.	General Delivery	Richland
Cunningham, Mrs. Fay Jane	308 Roosevelt	Wenatchee
Dalton, Mrs. Esther H.	939 Washington Ave.	Bremerton
Decker, Mrs. Elvina P.	Box 525	Mason City
Decker, Kathryn A.	Roosevelt Hospital	Bremerton
Dell, Mrs. Nora Williams	1205 Marion St.	Seattle 4
Dorweiler, Margaret	U. S. Marine Hospital	Seattle 44
Dow, Miss Jean Edna		
Downing, Ruth	Providence Hospital	Everett
Ellstrom, Edith	803 Summit	Seattle 4
Emmons, Mrs. Fleta McC.	1306 E. Alder St.	Seattle 22
†Erdahl, Lt. Esther M.		Overseas
Foley, Mrs. Anastatia F.	General Delivery	Arlington
Gage, Lt. Marion A., ANC 797834	Dibble General Hospital	Menlo Park, Calif.
Gorsigner, Mrs. Helen J.	1211 S. Peabody St.	Port Angeles
Goulet, Minnie	7707 First Ave., N.W.	Seattle 7
Graff, Ruth	Box 171	Tillicum
Harris, Mrs. Vivian F.	260 E. 45th	Seattle 5
Haug, Camilla	Swedish Hospital	Seattle 14
Helvig, Mildred M.	Apt. 24, 615 Boren St.	Seattle
Hendrick, Mrs. Kathleen L.	Mathews General Hospital	Burlington
Hogue, Mrs. Netta P.	1344 E. 62nd St.	Seattle 5
Hohensee, Gladys	703 S. Lincoln St.	Port Angeles
Houston, Mrs. Genevieve F.	Pierce Co. Hospital	Tacoma
Howell, Virginia	1323 Terry Ave.	Seattle 1
Hunter, Nora Jane	1323 N. "B" St.	Aberdeen
Hynson, Mrs. Gene	Sylvia Apts., No. 303 1501 W. Yakima Ave.	Yakima
Jansen, Mrs. Marianne	3596 E. "I" St.	Tacoma 4
Johnson, Katherine	Clark General Hospital	Vancouver
Kamerling, Mrs. Mildred R.	516 E. Union St.	Seattle 22
Kerrigan, Mrs. Kathleen	128 Harvard St.	Seattle 22
Kilbride, Mrs. Rose A.	1304 E. 16th Ave.	Spokane 10
Kindelan, Doli M.	Northern Pacific Hospital	Tacoma 4
Kurtz, Helen M.	600 Douglas	Wenatchee
Langseth, Lt. Valborg, ANC	Fort George Wright	Spokane
Lautenschleger, Mrs. Helen		St. John
LaValla, Mrs. Margaret H.	St. Luke's Hospital	Bellingham
Layton, Mrs. Marguerite	215 Kinnear Place	Seattle 99
Lee, Mrs. Martha B.	114 4th Ave., N.W.	Puyallup
Lynch, Eileen M.	2153 8th Ave., N.	Seattle 9
Maki, Saima M.	General Hospital	Burlington
Mazzine, Lauretta M. T.	709 Simpson Ave.	Aberdeen
McCallister, Lt. Florence P. ANC	c/o Mrs. E. Nealis, 2 Parker Ave., Apt 202	San Francisco 18 Calif.
McCarthy, Mrs. Margaret	5224 39th N. E.	Seattle 5

McCormick, Catherine L.	315 S. "J" St.	Tacoma 3
McDonough, Mrs. Mary J.	701 S. Grant St.	Tacoma 6
McKinley, Florence H.	215 S. 10th St.	Mt. Vernon
Meyer, Mrs. Della F.	Columbus Hospital	Seattle 4
Michel, Mrs. Albert B.	5510 West Drive	Everett
Miller, Miss Lillian C.	207 W. Mercer St.	Seattle 99
#Mills, Mrs. Alice R.	c/o John Reard	Ephrata
Morgan, Mrs. Marjorie	Veterans' Administration	American Lake
Morris, Lucile E.	1320 Summit Blvd.	Spokane 12
Muhle, Miss Tena	Bowers Apartment	Longview
Murch, Miss Edna V.	P. O. Box 24	Walla Walla
Murphy, Mrs. Ruth A.	608 S. 2nd St., Apt 4	Tacoma
Nack, Dorothy C.	417 E. Union St.	Seattle 22
Nixon, Mrs. Dorothy G.	135-39 15th St., N.E.	Seattle
O'Leary, Mrs. Emily	1314 N. Summit Blvd.	Spokane
Olsen, 1st Lt. Margaret M. ANC, N-737-594	Convalescent Hospital	Camp Lockett, Calif.
O'Neil, Charlotte V.	235½ W. Ninth Ave.	Spokane 9
O'Neill, Rose	402 35th Ave., S.	Seattle 44
Perry, Mrs. Lois K.	7009 53rd Ave., N.E.	Seattle 5
Peterson, Helen H.	5418 Latona St.	Seattle 5
Peterson, Mrs. Mildred	4319 Corliss Ave.	Seattle 3
#Pickard, Mrs. Leta M.	Route No. 8	Spokane 15
Polyblank, Mrs. Mary M.	815 W. Fulton St.	Seattle 99
Poulson, Dorothy E.	Permanente Hospital	Vancouver
Presnell, Mrs. Agnes E.	Box 607	Newport
Quirk, Catherine Pat	Piedmont Hotel, Apt. 406 1215 Seneca	Seattle 1
Reinert, Mrs. Clara M.	1017 Sixth St.	Bremerton
Roberts, June C.	S. 1003 Grand	Spokane 10
Roeske, Edna	4811 Orcas St.	Seattle
Rowlands, Mrs. Nan	419 Cobb Bldg. Surgery	Seattle 1
Rudkin, Esther	Deaconess Hospital	Spokane 9
Rutt, Florence M.	209 S. 17th Ave.	Yakima
Ryerson, Mrs. Ethel A.	3508 W. Thurman St.	Seattle 99
Satterwhite, Mrs. Celia K.	1920 15th St.	Bremerton
Saxton, Mabel	Swedish Hospital	Seattle 4
Schreiber, Mrs. Sabina L.	Route No. 5	Colfax
Schweitzer, Sue Theresa	516 E. Union St.	Seattle 22
Scully, Elizabeth A.	1909 W. 9th	Spokane 9
Segling, Mrs. Vernia R.	12536 Greenwood	Seattle 33
Sharpless, Mrs. Evelyn	1732 McDougal St.	Everett
#Sr. Agnes Dooney	101 8th Ave.	Spokane 9
Sr. Aloysia Desy	St. Ignatius Hospital	Colfax
Sr. Frances Joseph	St. Elizabeth's Hospital	Yakima
Sr. Joseph of Arimathea Hitu	St. Mary's Hospital	Walla Walla
Sr. Mary Angela	St. Joseph Hospital	Bellingham
Sr. M.Baptista Loughlin	Our Lady of Lourdes Hospital	Pasco
Sr. Mary Christina	101 Eighth Ave.	Spokane 9
Sr. Mary Edward Furney	Providence Hospital	Everett
Sr. M. Hercule St. Germain	Providence Hospital	Seattle 22
Sr. Mary Jucunda	St. Martin's Hosptial	Tonasket
Sr. M. Lanfrida Becker	Mt. Carmel Hospital	Colville
Sr. M. Lawrence Allen	St. Joseph's Hospital	Tacoma 3
Sr. M. Patrick Mahoney	St. Joseph's Hospital	Tacoma 3
Sr. M. Regina de Lourdes	St. Joseph's Hospital	Tacoma 3
Sr. Mary Valerian	St. Helen's Hospital	Chehalis
Sr. Peter of Alcantara Adam	St. Ignatius Hospital	Colfax
Sr. Providence of the Sacred Heart	St. Elizabeth's Hospital	Yakima
Sogaard, Gertrude	614 E. Union St., Apt 111	Seattle 22
Strange, Beulah	Permanente Hospital	Vancouver

Sulkosky, Mrs. Margaret	St. Peter's Hospital	Olympia
Swearingen, Mrs. Mette M.	863 S. 83rd St.	Tacoma 4
Swift, Roselma	Dorm. J-12, Room 203	Richland
Swigart, Marjorie M.	417 E. Union St.	Seattle 22
■Teade, Lt. Edith, ANC	Madigan General Hospital	Ft. Lewis
#Ticknor, Mrs. Rose C.	201 Securities Bldg.	Seattle 1
Timerman, Mrs. Tena	Box 393	Walla Walla
■Tramm, Lt. Mary E., ANC	Regional Hosp., Box 166, AAAF	Amarillo, Texas
Voller, Elizabeth M.	Roosevelt Hospital	Bremerton
■Wagonhoffer, Lt. Mary G.		Overseas
Wakefield, Mrs. Marie F.	507 W. 21st Ave.	Spokane
Waller, Dorothy C.	106 Wilson Ave.	Wenatchee
Walther, Ruth	St. Joseph's Hospital	Tacoma 1
Whetstone, Mrs. Mona R.	614 Puget Sound Bank Bldg.	Tacoma
*Wigen, Ragna P.	2332 W. Mallon Ave.	Spokane 12
Wilhelmy, Mrs. Marcella A.	2718 W. Kiernan Ave.	Spokane 12
Wood, Mrs. Mary McCabe	9206 Second Ave., N.W.	Seattle 7
Wright, Mrs. Louise	St. Elizabeth's Hospital	Yakima
Ziemantz, Helen M.	1318 W. 16th St.	Spokane 9
**Zelski, Mrs. Alice S.	N. 220 Bernard St.	Spokane 8
■Zespy, Lt. Genevieve	Madigan General Hospital	Tacoma

WEST VIRGINIA

Beidenmiller, Mrs. Myrtle E.	323 W. 12th Ave.	Huntington
Blayney, Mrs. Amy C.	Ohio Valley Gen'l Hospital	Wheeling
Blevins, Helen C.	Stevens Clinic Hospital	Welch
Duncan, Mrs. Davida G.	6619 Kanawha Ave., S.E.	Charleston
Ellison, Mrs. Ruby N.	Box 607, Oak Hill Hospital	Oak Hill
Fleming, Mrs. Carmelita J.	Route No. 1	Ridgeley
Frazier, Mrs. Virginia	1121 Virginia St. E.	Charleston
Hickman, Evelyn	R.F.D. No. 5, Box 38	Wheeling
■Isley, Lt. Nellie, N-767282		Overseas
Kelly, Mrs. Pauline P.	843 Somerset Drive	Charleston 2
†■Kristof, Lt. Mary Y., ANC. N-768,116	5th Aux. Surg. Gp.	Ft. Sam Houston, Tex.
Lemons, Mrs. Wanda C.	Charleston General Hospital	Charleston
Lloyd, Mrs. Thelma T.	Box 1835	Huntington
McClellan, Edna P.	Stevens Clinic	Welch
Rogerson, Esther B.	O.V.C. Hospital	Wheeling
Sr. M. Damiana Quack	St. Joseph's Hospital	Buckhannon
Sr. M. Richardis Schulte	Sacred Heart Hospital	Richwood
Taylor, Edna M.	201 W. Seventh Ave.	Weston
Tierney, Mary A.	St. Mary's Hospital	Clarksburg
White, Mary L.	Memorial Hospital	Huntington
Wicker, Mrs. Thelma Swim	Beckley Hospital	Beckley
Williams, Rebecca Sue	1014 Virginia St.	Charleston 1

WISCONSIN

Anderson, Alice L.	Milwaukee Hospital	Milwaukee 3
■Anderson, Lt. Myrtle E.		Overseas
Bach, Mrs. Lulu M.	2742 Milwaukee St.	Madison 4
#Barr, Mrs. Lila Mae		Winneconne
■Becker, Lt. Eda E.		Overseas
■Berg, Lt. Mabel J.	Station Hospital	Camp McCoy
■Bergeron, Lt. Catherine M.		Overseas
Bieber, Clara G.	Walworth County Hospital	Elkhorn
Bloemers, Marie P.	St. Mary's Hospital 1524 Grand Ave.	Racine
Botsford, Daisy G.	Kenosha Hospital	Kenosha
Bridenhagen, Leona	Bellin Mem'l Hospital	Green Bay
Burgess, Florence L.	1022 N. 10th St.	Milwaukee

Campbell, Julia I.	536 N. 15th St.	Milwaukee 3
Conley, Viola N.	5000 W. Chambers St.	Milwaukee 10
Conricote, Delia	St. Luke's Hospital	Milwaukee 4
Daniels, Catherine E.	St. Francis Hospital	LaCrosse
Dick, Mrs. Sonia Syrjala	Roper Hospital	Charleston, S.C.
Donovan, Mary	1628 W. Wisconsin Ave.	Milwaukee 3
Drengson, Anna	625 Mendota Court	Madison 5
Edwards, Esther E.	Wausau Mem'l Hospital	Wausau
Endthoff, Margaret M.		Brandon
Englund, Mrs. Sarah A.	436 Broadway	Eau Claire
Esval, Sigrid	Luther Hospital	Eau Claire
Faraher, Mrs. Helen C.	509 N. Lake St.	Madison 5
Flasch, Ada M.	2320 N. Lake Drive	Milwaukee
#Frusher, Mrs. Marie S.	838 High St.	Madison 5
Grams, Charlotte L.	721 N. 17th St.	Milwaukee 3
Hansen, Ebba	Luther Hospital	Eau Claire
Hepp, Mrs. Myrle	5126 W. Roosevelt Drive	Milwaukee 10
Higgins, Mrs. Leona R.	2213 Oakridge Ave.	Madison 4
Hunter, Mrs. Lepha E.	Box 35	Marion
Johnson, Anna	1010 Mound St.	Madison 5
Johnson, Mabel E.	2633 N. 7th St.	Sheboygan
Koester, Lt. Helen E.		Overseas
Kraft, Marie	Methodist Hospital	Madison
Laughlin, Rose	2324 W. Wisconsin Ave.	Milwaukee
Lewenthal, Mrs. Ida R.	812 Crook St.	Green Bay
Lundberg, Elsie	3321 Maryland Ave.	Milwaukee
Magnin, Martha M.	5000 W. Chambers	Milwaukee 10
McDougall, Ensign Mary C.	U.S. Naval Hosp. Nurses' Quarters, Treasure Island	San Francisco, Cal.
Michalek, Delores C.	2825 N. Maryland St.	Milwaukee
Miller, Helen M.	742 S. Webster St.	Green Bay
Moberg, Hilda L.	547 N. Park St.	Reedsburg
Myers, Leone M.	500 W. Milwaukee	Janesville
Nelsen, Camilla M.	2633 N. 7th St.	Sheboygan
Nelson, Ruth A.	Shawano Municipal Hospital	Shawano
Nerud, Esther	c/o C. W. Nerud	Elroy
*Opdale, Mrs. Jessie A.	146 E. Oak St.	Oshkosh
Ourada, Emily D.	Kenosha Hospital	Kenosha
Phillips, Clara M.	720 S. Brooks St.	Madison 5
Price, Louise A.	725 E. Walnut St.	Green Bay
Psuik, Anne	1239 N. 16th St. S.F.	Milwaukee
†Rademacher, Lt. Verna L.		Overseas
Reed, Hazel W.	1301 College Ave.	Racine
Ries, Anna J.	St. Mary's Hospital	Rhinelander
Royer, Mrs. Esther R.	Shawano Municipal Hospital	Shawano
Short, Callie E.	230 W. Madison St.	Milwaukee 4
Silver, Eletta Engum	Box 56 B, Route 1	Union Grove
Sr. Angilberta	St. Mary's Hospital	Watertown
Sr. Annunciata Maas	Sacred Heart Hospital	Eau Claire
Sr. Clarissa Donovan	Langlade Co. Mem'l Hospital	Antigo
Sr. Edna Marie	St. Clare Hospital	Monroe
Sr. Eutychia Dudek	St. Vincent's Hospital	Green Bay
Sr. Florianne Queen	St. Josephs Hospital	Chippewa Falls
Sr. Jean Marie Menke	St. Frances Hospital	LaCrosse
Sr. Johanella Woityna	St. Vincent's Hospital	Green Bay
Sr. Julitta Tomko	St. Vincent's Hospital	Green Bay
Sr. Mary Agnes Paggi	St. Francis Hospital	LaCrosse
Sr. M. Agnesia Meyers	St. Mary's Hospital	Sparta
Sr. M. Anita Mayer	743 Montgomery St.	Pt. Washington
Sr. Mary Bernadette	St. Joseph's Hospital	Milwaukee 10
Sr. M. Bernard Madden	St. Mary's Hospital	Wausau
Sr. M. Christine Wagoner	Holy Cross Hospital	Merrill
Sr. M. Clementia Vogel	1506 S. Oneida St.	Appleton
Sr. M. Conradine Flasch	5000 W. Chambers St.	Milwaukee 10

Sr. M. Crucifix Keller	River Pines Sanatorium	Stevens Point
Sr. M. Eliud Alders	St. Joseph Hospital	Beaver Dam
Sr. M. Ella Ovel	185 Hazel St.	Oshkosh
Sr. M. Emilia O'Farrell	St. Catherine Hospital	Kenosha
Sr. M. Eugene Wittman	St. Mary's Hospital	Wausau
Sr. M. Flavian Diedrich	St. Savior's General Hospital	Portage
Sr. M. Gregoria Gerding	St. Vincent's Hospital	Green Bay
Sr. M. Laura Knowles	St. Clare Hospital	Monroe
Sr. M. Lea Hurler	St. Mary's Hospital	Wausau
Sr. Mary Lipharda	St. Michael's Hospital	Stevens Point
Sr. M. Lorenzo Laible	St. Joseph's Hospital	Beaver Dam
Sr. M. Mercedes Francken	1506 S. Oneida St.	Appleton
Sr. M. Odila Diedrich	St. Mary's Hospital	Wausau
Sr. M. Philip Riede	St. Mary's Hospital	Ladysmith
Sr. M. Regina Moran	1022 N. 10th St.	Milwaukee 3
Sr. M. Reginald Wallig	St. Catherine Hospital	Kenosha
Sr. M. Theonilla Henel	St. Mary's Hospital	Wausau
Sr. M. Venard Tompitch	Holy Family Hospital	Manitowoc
Sr. M. Yvonne Jenn	St. Francis Hospital	LaCrosse
Sr. Maxine Fricht	St. Joseph's Hospital	Chippewa Falls
Sr. Meinulpha	St. Nicholas Hospital	Sheboygan
Sr. Regula	St. Joseph's Hospital	Chippewa Falls
Sr. Salesia Myering	840 S. Webster Ave.	Green Bay
Sr. Sophie Gebhard	St. Nicholas Hospital	Sheboygan
Sr. Ursitia Linkert	Sacred Heart Hospital	Eau Claire
Smith, Mrs. Elsa R.	2408 E. Newton Ave.	Milwaukee
Sorenson, Julia	122 Washington Ave.	Neenah
Strang, Mrs. Helen	420 N. Park St.	Richl'd Center
Taugher, Mrs. Helen R.	1628 W. Wisconsin Ave.	Milwaukee 3
Teske, Lt. Grace Mary	Sheppards Field	Wichita Falls, Tex.
Thielen, Leone A.	1524 Grand Ave.	Racine
Tinker, Emma C.	4544 West Leon Terrace	Milwaukee 10
**Ulbricht, Edna L.	Lutheran Hospital	Beaver Dam
Weiss, Rose M.	2320 N. Lake Drive	Milwaukee
Welsh, Mrs. Margaret G.	915 N. 24th St.	Milwaukee 3
Werking, Melva L.	5000 W. Chambers St.	Milwaukee 10
Woodrich, Mrs. Catherine	Box 11A, Biron Dr.	Wis. Rapids
Yanulis, Mary A.	431 Olympian Blvd.	Beloit

WYOMING

Brown, Mrs. Josephine C.	Box 74	Jackson
Hambrick, Mrs. Gladys H.	Cardon County Mem'l Hosp.	Rawlins
Henderson, Mrs. Allene N.	Box 844	Laramie
McCarthy, Mrs. Lillian I.	317 Front St.	Rawlins
McGrew, Grace M.	475 E. Fourth St.	Sheridan

ALASKA

Coffin, Mrs. Jeanette L.		Anchorage
Fish, Isabelle	Fairbanks Clinic	Fairbanks

CANADA

Anderson, Mrs. Jennie M.	Chipman Memorial Hospital St. Stephen	New Brunswick
Flewwelling, Isabella M.	c/o Mrs. Herbert Pinder 33 Oliver St.	Guelph, Ont.
Greene, Thelma	1587 Victoria Ave.	Windsor, Ont.
Perkinson, Mrs. Gertrude E.	c/o M. A. Myren, Box 412	Port. LaPrairie, Manitoba
Sister Mary Azilda	St. Vincent's Hospital	Pincher Creek, Alberta
Sister Odilard Sylvester	St. Joseph Hospital	Lacinine, P. Q.

HAWAII

Barlow, Esther A.	Box 227	Kealakekua
Barton, Rose C.	Kapiolani Hospital	Honolulu 33
Cole, Mrs. Hermine	1660 Pensacola St.	Honolulu 25
DeShazo, Laura E.	Pahala Hospital	Pahala
Doyle, Virginia M.	Libby, McNeil & Libby, Box 1140	Honolulu 44
Foto, Stephanie	Wilcox Memorial Hospital	Lihue
Fukomoto, Mrs. Tamiko I.	1720 Wilhelmina Rise	Honolulu
Gordon, Mabel	Queen's Hospital	Honolulu 39
Grant, Mrs. H. Jeanne	2371 Oahu Ave.	Honolulu
Hodder, Jane M.	226 N. Kuakiui St.	Honolulu 52
Honnaka, Gertrude	1328 Kealia Drive	Honolulu 29
Johnson, Mrs. Pauline C.	Queen's Hospital	Honolulu 39
Konn, Olga	St. Francis Hospital	Honolulu 3
Lawrence, Mrs. Louise C.	Koloa Sugar Co.	Koloa Kauai
Liggett, Mrs. Marvel S.	Paia	Maui
Littel, L. Rose	Malulani Hospital, Wailulu	Maui
Lundquist, Lorraine	Queen's Hospital	Honolulu 9
MacDonald, Christine	St. Francis Hospital	Honolulu
MacMillan, Marian	2065 Lanihuli Drive	Honolulu 5
#Neilson, Mrs. Colette T.	842 Aalapapa Drive	Lanikai
Okamoto, Shigeko	2260 Liliha St.	Honolulu 3
Onstrand, Louise E.	Kapiolani Maternity Hospital	Honolulu 33
Reames, Mary F.	1735A Wilder Ave.	Honolulu 24
Sutcliffe, Roselyn	Queen's Hospital	Honolulu 39
Sullivan, Mrs. Ethel Mae	2475 Mountain View Drive	Honolulu
Taylor, Mrs. Viola M.	524 Manona St.	Hilo
Thurman, Elizabeth	St. Francis Hospital 2260 Liliha St.	Honolulu F8
Yanagihara, Peggy T.	Coral Gardens	Kaneohe, Oahu

FOREIGN

Phelps, Persis M.	American Mission	Wun, Berar, India
Finney, Mrs. Gene L.	Monclova	Coahuila, Mexico
Hall, Pearl L.	Sanatorio Palmore	Chihuahua, Mexico

INSTITUTIONAL MEMBERS
AMERICAN ASSOCIATION OF NURSE ANESTHETISTS

ALABAMA		
Hargis Clinic Hospital	2720 — 12th Ave., N.	Birmingham 4
CALIFORNIA		
Alameda Hospital	2070 Clinton Ave.	Alameda
Mercy Hospital	4001 Jay St.	Sacramento 16
IDAHO		
Twin Falls Co. Gen'l Hosp.	R.F.D. No. 3	Twin Falls
ILLINOIS		
Grant Hospital of Chicago	551 Grant Pl.	Chicago 14
MacNeal Memorial Hospital	3249 S. Oak Park Ave.	Berwyn
Provident Hospital	426 East 51st St.	Chicago 15
St. Elizabeth Hospital	602 Green St.	Danville
St. John's Hospital	701 East Mason St.	Springfield
LOUISIANA		
Eye, Ear, Nose & Throat Hospital	165 Elk Place	New Orleans 13
MARYLAND		
The Memorial Hospital at Easton, Md., Inc.	South Washington St.	Easton
MASSACHUSETTS		
Free Hospital for Women	245 Pond Ave.	Brookline 45
Newton-Wellesley Hospital	2014 Washington St.	Newton
Wesson Maternity Hospital	120 High St.	Springfield 5
MISSOURI		
St. Joseph's Hospital		Bonnville
MONTANA		
Bozeman Deaconess Hosp.	15 West Lamme	Bozeman
Holy Rosary Hospital	320 N. Jordan Ave.	Miles City
NEW JERSEY		
New Jersey Orthopaedic Hospital and Dispensary	179 Lincoln Ave.	Orange
Newark Memorial Hospital	12th Ave. & Newton	Newark 3
Orthopaedic Hospital and Dispensary	177 Brunswick Ave.	Trenton
St. Elizabeth Hospital	204 S. Broad St.	Elizabeth
NEW YORK		
Boulevard Hospital	4604 — 31st Ave.	Long Island City 3
Kings County Hospital	Clarkson Ave.	Brooklyn 3
Lenox Hill Hospital	111 East 76th St.	New York 21
Presbyterian Hospital in the City of New York	622 West 168th St.	New York 32
Strong Memorial Hospital–Rochester Municipal Hosp.	Crittenden Blvd.	Rochester 7

The St. Vincent's Hospital of the City of New York	153 West 11th St.	New York 11
Charles S. Wilson Memorial Hospital	33-57 Harrison St.	Johnson City
NORTH CAROLINA		
Charlotte Memorial Hosp.	1400 Scott Ave.	Charlotte
OHIO		
The Holzer Hospital	1st Ave. & Cedar St.	Gallipolis
St. Ann's Hospital	3409 Woodland Ave.	Cleveland 15
St. Thomas Hosp. of Akron	Main & Olive Sts.	Akron 10
Warren City Hospital	1350 E. Market St.	Warren
OREGON		
Oregon City Hospital	10th & Washington	Oregon City
PENNSYLVANIA		
Chestnut Hill Hospital	8835 Germantown Ave.	Philadelphia 18
The Christian H. Buhl Hosp.	740 E. State St.	Sharon
TENNESSEE		
Madison Rural Sanitarium and Hospital		Madison College
Takoma Hospital		Greenville
TEXAS		
Scott & White Hospital	West Ave. "F"	Temple
WASHINGTON		
Northern Permanente Foundation		Vancouver
Washington Minor Hospital	529 Medical Arts Bldg.	Tacoma
WISCONSIN		
St. Francis Hospital		La Crosse
HAWAII		
Kuakini Hospital	347 N. Kuakini St.	Honolulu 52
WEST VIRGINIA		
Fairmont General Hospital	Locust Ave. Ext.	Fairmont

Memorandum

August 1945

Memorandum

WHO IS RESPONSIBLE
for Oxygen Equipment in Your Hospital?

Oxygen therapy has been found generally more efficient and more economical in the hospital that has its own Central Oxygen Service.

Such an oxygen service can be established in your hospital by the appointment of two qualified individuals:

1. A member of the medical staff to assume overall responsibility, including supervision of the medical aspects of oxygen therapy and education of nurses and interns.
2. A member of the hospital staff to assist the physician by being responsible for the operation, care, and repair of oxygen therapy equipment and for the maintenance of efficient records on the condition of apparatus and supplies on hand.

Ask any Linde representative or write directly to our New York Office for information that will guide you in establishing a Central Oxygen Service in your hospital.

LINDE OXYGEN U.S.P.

OXYGEN THERAPY DEPARTMENT

THE LINDE AIR PRODUCTS COMPANY

Unit of Union Carbide and Carbon Corporation

30 E. 42nd St., New York 17, N. Y. UCC Offices in Other Principal Cities

In Canada: Dominion Oxygen Company, Limited, Toronto

The word "Linde" is a trade-mark of The Linde Air Products Company.